

20030605.qrp v02_n942.qrl.20030605

Date: Thu, 5 Jun 2003 19:03:06 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2942

QRP-L Digest 2942

Topics covered in this issue include:

- 1) [151842] A-QRP and QRPARCI
by "Paul Womble" <pwomble@verizon.net>
- 2) [151843] Re: Antenna Analyzers
by "Bob Tellefsen" <n6wg@earthlink.net>
- 3) [151844] Re: The American QRP Club
by "Bob Tellefsen" <n6wg@earthlink.net>
- 4) [151845]
by "Emmerson Bigguns" <n8ie@woh.rr.com>
- 5) [151846] Re: The American QRP Club
by "Nick Kennedy" <nkennedy@tcainternet.com>
- 6) [151847] FOX: a conspiracy
by Tim Pettibone <k5oi@cox.net>
- 7) [151848] RE: a conspiracy
by "Paul Womble" <pwomble@verizon.net>
- 8) [151849] Rock-Mite-RTTY makes papal contact!!!
by "Bill, N4QA" <n4qa@hotmail.com>
- 9) [151850] June Spartan Sprint Results
by "John Huffman" <hjohnc@core.com>
- 10) [151851] Re: Good Band Conditions Indicator
by na5n@zianet.com
- 11) [151852] Re: Antenna Analyzers
by "George, W5YR" <w5yr@att.net>
- 12) [151853] Weller Solder Station on Sale
by "Don Wines" <dwines@tyler.net>
- 13) [151854] WTB: LDG Z-11 Tuner
by "NZ8J" <nz8j@woh.rr.com>
- 14) [151855] American QRP Club
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 15) [151856] Re: American QRP Club
by "George, W5YR" <w5yr@att.net>
- 16) [151857] Shack cleaning Sale
by "Hal" <kc0bdw2@hotmail.com>
- 17) [151858] Re: American QRP Club
by "John P. Cummins, Sr." <jpcummins@charter.net>
- 18) [151859] Re: American QRP Club
by "Karl F. Larsen" <k5di@zianet.com>
- 19) [151860] Re: The American QRP Club

- by "John P. Cummins, Sr." <jpcummins@charter.net>
- 20) [151861] Looking for Switch
by "Tom" <kf4yyd@adelphia.net>
- 21) [151862] Re: Good Band Conditions Indicator
by "James R. Duffey" <JamesDuffey@comcast.net>
- 22) [151863] NEQRP CW Net, Thursday, 5 June 03, 08:30 PM EDT, 3.565 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 23) [151864] Re: NorCal BLT Tuner
by "pschweit" <pschweit@mninter.net>
- 24) [151865] 20m V Beams?
by "Jerry Felts" <nr5a@rap.midco.net>
- 25) [151866] Re: The American QRP Club
by David Hinerman <WD8CIV@worldnet.att.net>
- 26) [151867] A Non-Emergency -- Confessions of an APRS Klutz!
by "Bruce Prior" <n7rr@hotmail.com>
- 27) [151868] [OT] Not QRP - Needed: Broadband receive distribution amp circuit
by "Kurt Kiesow \ (Home\)" <kurt@kiesows.com>
- 28) [151869] (no subject)
by IamSF5@aol.com
- 29) [151870] Re: [AQRp] American QRP Club
by Monty N5ESE <n5ese@io.com>
- 30) [151871] RE: Antenna Analyzers
by "Paul Ermisch" <paul@ermisch.com>
- 31) [151872] AT Sprint - Another Lives
by "Kenneth Evans" <w4du@attbi.com>
- 32) [151873] Spartan Sprint non-results
by Adrian Weiss <adeweiss@sd.value.net>
- 33) [151874] Re: Looking for Switch
by "Leon Heller" <leon_heller@hotmail.com>
- 34) [151875] propagation question
by Pete Burbank <plburbank@earthlink.net>
- 35) [151876] New Keyer Kit from NorCal Pot?
by Chuck Adams <k7qo@earthlink.net>
- 36) [151877] Iowa QRP Club CW Net
by mark.milburn@juno.com
- 37) [151878] Re: Good Band Conditions Indicator
by "Karl F. Larsen" <k5di@zianet.com>
- 38) [151879] Re: Antenna Analyzers
by Alex <kr1st@amsat.org>
- 39) [151880] Re: American QRP Club
by Alex <kr1st@amsat.org>
- 40) [151881] Re: Looking for Switch
by "Mike Yetsko" <myetsko@insydesw.com>
- 41) [151882] Re: [OT] Not QRP - Needed: Broadband receive distribution amp
circuit
by David Hinerman <WD8CIV@worldnet.att.net>
- 42) [151883] Re: Antenna Analyzers
by Dave Hottell <hottell@gulftel.com>

43) [151884] Re: Antenna Analyzers
by steve.lawrence@itwfeg.com

44) [151885] Re: 20m V Beams?
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>

45) [151886] RE: American QRP Club
by "Jerry Parker" <qrpstudio@charter.net>

46) [151887] Re: American QRP Club
by Alex <kr1st@amsat.org>

47) [151888] RE: New Keyer Kit from NorCal Pot?
by jacksonharbor@att.net

48) [151889] Re: Good Band Conditions Indicator
by "E. Roswell" <eroswell@monmouth.com>

49) [151890] Re: [OT] Not QRP - Needed: Broadband receive distribution amp
circuit
by Rob Matherly <w0jrm@arrl.net>

50) [151891] How long the QRP ARCI has been around
by Mike Czuhajewski <wa8mcq@comcast.net>

51) [151892] WTB : Looking for a WM-80 SSB Transceiver
by "Maxime Prati" <ve2hac@hotmail.com>

52) [151893] re: Info on Oak Hills Sprint
by Michael Babineau <michael.babineau@sympatico.ca>

53) [151894] QRPP-vs-QRP
by "Dean-NR2V/4" <nr2v@northnet.org>

54) [151895] FP Skeds ??
by "Jerry Ford" <benlightnd13@mchsi.com>

55) [151896] Re: Antenna Analyzers
by "Brian Murrey - KB9BVN" <brian@iquest.net>

56) [151897] Walking Power Generators
by Adam Farson <farson@shaw.ca>

57) [151898] Re: 20m V Beams?
by William R Colbert <w5xe@juno.com>

58) [151899] Re: [OT] Not QRP - Needed: Broadband receive distribution amp
circuit
by "Mike Boatright" <ko4wx@mindspring.com>

59) [151900] Re: [OT] Not QRP - Needed: Broadband receive distribution amp
circuit
by "Mike Yetsko" <myetsko@insydesw.com>

60) [151901] Re: [OT] Not QRP - Needed: Broadband receive distribution amp
circuit
by "Mike Yetsko" <myetsko@insydesw.com>

61) [151902] Re: The American QRP Club
by Caitlyn Martin <ku4qd@earthlink.net>

62) [151903] [CONTEST] N2CQ QRP Contest Calendar June 5-30, 2003
by "Ken Newman" <N2CQ@Dandy.Net>

63) [151904] Re: QRPP-vs-QRP
by Caitlyn Martin <ku4qd@earthlink.net>

64) [151905] Re: [OT] Not QRP - Needed: Broadband receive distribution amp
circuit

by Chris Cartwright <ccart@phideaux.com>
65) [151906] QRP Adventure Trip
by w5tb@attbi.com
66) [151907] American QRP Club/QRP-ARCI?
by "Dennis Payton" <dpayton@fwi.com>
67) [151908] Re: The American QRP Club
by "Doug Hendricks" <ki6ds@dph.dpol.net>
68) [151909] RE: American QRP Club/QRP-ARCI?
by "Boulineau, Lee" <lee.boulineau@attws.com>
69) [151910] Re: 20m V Beams?
by Glen Reid <k5fx@arrl.net>
70) [151911] Re: The American QRP Club
by "Steven Weber" <kd1jv@moose.ncia.net>
71) [151912] OT: Hand punch question
by Charles Olson <jacksonharbor@att.net>
72) [151913] new virus - high alert
by Lloyd Lachow <llachow@yahoo.com>
73) [151914] AmQRP = The American QRP Club
by "George Heron N2APB" <n2apb@erols.com>
74) [151915] RE: The American QRP Club
by "Boulineau, Lee" <lee.boulineau@attws.com>

Date: Wed, 4 Jun 2003 18:30:44 -0400
From: "Paul Womble" <pwomble@verizon.net>
To: <qrp-l@Lehigh.EDU>
Subject: [151842] A-QRP and QRPARCI
Message-ID: <0000001c32ae8\$f0bcf340\$6401a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

How does the "new" club impact QRPARCI?

Can we expect some type of MOU or other agreement?

Just wondering...

Paul K4FB

Date: Wed, 4 Jun 2003 16:40:02 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@lehigh.edu>

Subject: [151843] Re: Antenna Analyzers
Message-ID: <MABBJOEABOILMKCJCLFCEEGJEHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Max

I started with the Autek RF-1. Then when the VA-1 came out, I got it.
Never really liked the way they worked, so when I saw an AEA HF-CIA
antenna analyzer, I jumped on it. Now it is in use nearly everyday for
some test or other.
It cost more, but I personally feel it was worth it for what I do.
73, Bob N6WG

Date: Wed, 4 Jun 2003 16:40:03 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@lehigh.edu>
Subject: [151844] Re: The American QRP Club
Message-ID: <MABBJOEABOILMKCJCLFCGEGJEHAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

We have a lot of local QRP clubs around the country, each with their
own unique character. I wonder if there would be interest in doing
something some European countries do. They have a national organization,
and each local club is a chapter of the national club.
73, Bob N6WG

Date: Wed, 4 Jun 2003 19:35:47 -0400
From: "Emmerson Bigguns" <n8ie@woh.rr.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Message-ID: <MMEDLKDLOLONJOAIGICDJACEBNEGAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm curious about this new club, AND PLEASE DON'T TAKE THIS AS A JAB AT
ANYONE OR ANY CLUB!
I'M NOT AGAINST A-QRP. :-)

I was under the impression that "THE" QRP club in America was/is QRP-ARCI.
The folks who bring us together in Dayton each May and founded the QRP Hall
of Fame.

What is their role in all this if any?
Are they going to merge with A-QRP?
Are they going away?
Will anyone care this time next year?

Inquiring minds want to know!

72, oo
Dan, N8IE
FPqrp #-6, QRP-1 #1404, FISTS #4985

72, oo
Dan, N8IE
FPqrp #-6, QRP-1 #1404, FISTS #4985

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.483 / Virus Database: 279 - Release Date: 5/19/2003

Date: Wed, 4 Jun 2003 19:47:12 -0700
From: "Nick Kennedy" <nkennedy@tcainternet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151846] Re: The American QRP Club
Message-ID: <00fd01c32b0c\$c4657050\$0400000a@wa5bdu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

At last, a chance to get in on the ground floor of a big new enterprise.
I'll be rich!

Well, rich in ham & QRP spirit, anyway.

Sounds good guys. I predict great things.

72--Nick, WA5BDU

Date: Wed, 04 Jun 2003 18:51:38 -0500
From: Tim Pettibone <k5oi@cox.net>
To: llachow@yahoo.com,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151847] FOX: a conspiracy
Message-ID: <5.1.0.14.0.20030604184430.00b18fc0@pop.central.cox.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Okay, I was willing to let it go when N0UR didn't respond but now that Lloyd also refused to work any OK stations, this has to stop! It's a conspiracy, a down-right @#\$\$%^ conspiracy. Actually, I never heard Jim and Lloyd was only heard the first few minutes and that was using mostly ESP. (But I still think there was a conspiracy...)

Tim K5OI
Stillwater, OK

Date: Wed, 4 Jun 2003 20:20:35 -0400
From: "Paul Womble" <pwomble@verizon.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [151848] RE: a conspiracy
Message-ID: <000401c32af8\$491c8e10\$6401a8c0@house>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well...they almost got it right.

It's those Pesky Texans that were supposed to be "ignored".

: -)

Paul K4FB

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Tim Pettibone
Sent: Wednesday, June 04, 2003 7:52 PM
To: Low Power Amateur Radio Discussion
Subject: FOX: a conspiracy

Okay, I was willing to let it go when N0UR didn't respond but now that Lloyd also refused to work any OK stations, this has to stop! It's a conspiracy, a down-right @#\$\$%^ conspiracy. Actually, I never heard Jim and Lloyd was only heard the first few minutes and that was using mostly ESP. (But I still think there was a conspiracy...)

Date: Wed, 04 Jun 2003 20:30:23 -0400
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [151849] Rock-Mite-RTTY makes papal contact!!!
Message-ID: <BAY1-F16DGC19FopYC9000414b8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

WOW!

Rock-Mite-RTTY and I Just worked 9A0PAX, special event station commemorating Pope John-Paul II's third visit to Croatia.
Sheesh, how do I top THIS ??!!

9A0PAX was workin' 'em left and right about 200 Hz above (or was it below?...must've been ABOVE :) my RM-RTTY freq.
I called my brains out for an hour or so, then, suddenly he moved real close to my freq and called CQ again and when I called him, he came back and said "Hallo, William N4QA 599..." etc. Gave me the Willies!

BTW, I'm working on a theme song called 'Rock-Mite-RTTY'. RTTY is pronounced RITTAY in the song.
Foreigner will never know how close they came... hee hee hee...
Goes something like..."ROCK! MITE! RTTY!...stars in his eyes..."

73.
Bill, N4QA
<http://www.qsl.net/n4qa/>

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Wed, 4 Jun 2003 13:46:40 -0400
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151850] June Spartan Sprint Results
Message-ID: <011c01c32ac2\$93c6b0c0\$98075dd8@satellite>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Results of the June 2003 Spartan Sprint
Old Sol took a short break from his assault on the bands and allowed reasonable propagation for the June Sprint. Conditions weren't great, but not dismal either. The June netted 76 logs, up from last month.

Skinny Winners -

K0EVZ was this month's Skinny winner with 56 contacts.
Second Skinny was K7Q0 with 22 contacts at under half a pound.
Third Skinny was AA1MY who netted 33 contacts.

The Skinny Division is being dominated by lighter and lighter rigs and the latest hot setup includes an AT Sprint with three bands, five watts, and well under one pound.

Tubby Division Winners -

We have a tie! K3TW and K6III both topped out at 74 contacts to share first place.
K7RE was third with 58 contacts. In hot pursuit were WB8RTJ, K7TQ, and K0EVZ.

Special Recognition, Outside Operation -

There were six outsiders for June.
N8HSP off the back of his truck.
KV6K with a Field Day setup in the woods.
AB6UI on a folding table in the backyard.
AF4PP in the north Georgia pines.
KL0WN - Spruce Cape at the northeastern tip of Kodiak Island.
W7PUA - from the 22 ft sailboat in Fern Ridge Reservoir, Oregon.

Congratulations guys and thanks for braving the elements. You put the adventure into Adventure Radio.

Late Logs:

Late logs for May were:

KG6CYN 34 contacts while camping at 5000' on Mt. Palomar.

AA1MY 25 contacts with a station weight of only 6.8 oz. w/AAA batteries.

KB9LCK with 14 contacts on 20 meters.

I m on the road so the results are a bit slim this month. I apologize in advance for whoever and whatever got missed!

Each contact received one point. If you didn't tell us the weight of your station, or if your station weighed more than a cow, we assigned a weight of 30 pounds.

We hope everyone had a good time. See you in July!

THE SKINNY DIVISION (results sorted in the order of points per pound)

Call	80M	40M	20M	15M	10M	Points	Weight	Points
Per Pound								
K0EVZ	0	9	47	0	0	56	0.77	72.73
K7Q0	0	0	22	0	0	22	0.49	44.9
AA1MY	0	18	15	0	0	33	0.76	43.42
K7RE	0	0	58	0	0	58	1.62	35.8
VA3SB	0	27	0	0	0	27	0.81	33.33
N9JXY	0	7	0	0	0	7	0.27	25.93
WJ9B	0	22	0	0	0	22	1	22
K3ESE	0	17	18	0	0	35	1.7	20.59
N3AO	0	39	2	0	0	41	2	20.5
K5JHP	0	5	30	0	0	35	2.3	15.22
K9YT	0	0	15	0	0	15	1	15
KI0G	0	0	11	0	0	11	0.8	13.75
AB9CA	0	0	22	0	0	22	1.6	13.75
WY1W	0	17	14	0	0	31	2.3	13.48
K4GT	0	8	12	0	0	20	2	10
WA8BXN	3	14	7	0	0	24	2.6	9.23
W1PID	0	11	0	0	0	11	1.2	9.17
AF4PP	0	3	20	2	0	25	3.1	8.06
VE3ELA	0	23	10	0	0	33	4.1	8.05
KB9LCK	0	8	6	0	0	14	1.8	7.78
K1HJ	4	5	6	0	0	15	2	7.5
KW4JS	0	16	6	0	0	22	3	7.33
W0UFO	0	17	25	0	0	42	6	7
W7PUA	0	2	11	0	0	13	1.9	6.84
N1KSN	0	11	0	0	0	11	1.62	6.79
AC6NT	0	0	29	0	0	29	4.67	6.21
K6RXL	0	0	11	0	0	11	2	5.5
K6III	0	0	74	0	0	74	14.12	5.24
AB6UI	0	4	0	0	0	4	0.81	4.94
VE3XT	0	8	8	0	0	16	3.3	4.85

WA4CIT	0	30	11	0	0	41	8.82	4.65
AE6N	0	0	12	0	0	12	2.59	4.63
WD9F	0	0	5	0	0	5	1.2	4.17
K04WX	0	6	0	0	0	6	1.5	4
W2BVH	9	7	9	0	0	25	7	3.57
N4DMI	0	2	25	0	0	27	7.8	3.46
K4KJP	0	0	19	0	0	19	5.5	3.45
KG4FSN	0	0	16	0	0	16	5.3	3.02
KE4R	0	39	7	2	0	48	17	2.82
K EWS	0	6	12	0	0	18	6.5	2.77
WD3P	0	3	2	0	0	5	2	2.5
K3TW	7	49	18	0	0	74	30	2.47
KA3WMJ	2	10	5	0	0	17	7	2.43
K3NG	0	9	26	0	0	35	15	2.33
KH6B	0	0	10	0	0	10	4.4	2.27
NA8M	4	23	11	0	0	38	18	2.11
WB8RTJ	1	36	20	0	0	57	30	1.9
K7TQ	0	11	45	0	0	56	30	1.87
K3NY	0	5	7	0	0	12	7	1.71
KL0WN	0	0	1	0	0	1	0.62	1.61
NK6A	0	5	3	0	0	8	5.3	1.51
KG8GW	3	37	5	0	0	45	30	1.5
N7LT	0	8	31	0	0	39	30	1.3
NG7Z	0	3	31	2	0	36	30	1.2
KV6K	0	7	29	0	0	36	30	1.2
W5YR	0	2	30	0	0	32	30	1.07
AB1AV	5	2	0	0	0	7	6.7	1.04
KD5LX	0	5	8	0	0	13	12.5	1.04
N3LJB	2	3	3	0	0	8	8	1
W3TW	4	9	7	0	0	20	30	0.67
WA1VGB	0	2	0	0	0	2	3	0.67
W9UQB	0	0	18	0	0	18	30	0.6
K8KFJ	0	8	9	0	0	17	30	0.57
W2LJ	0	6	0	0	0	6	12	0.5
N8MHD	0	1	4	0	0	5	10	0.5
K4BX	0	5	9	0	0	14	30	0.47
KG6WP	0	5	7	0	0	12	30	0.4
KA9IKK	0	0	8	0	0	8	20	0.4
KD7GIM	0	0	8	0	0	8	23	0.35
N4UY	0	3	7	0	0	10	30	0.33
N0XAS	0	2	4	0	0	6	30	0.2
KL7RHJ	0	0	3	0	0	3	16	0.19
N8HSP	0	1	2	0	0	3	16	0.19
W10H	0	1	1	0	0	2	19	0.11
N1WST	0	0	2	0	0	2	30	0.07
W8HF	0	0	0	0	0	0	0.25	0

THE TUBBY DIVISION (results sorted in the order of points)

Call	80M	40M	20M	15M	10M	Points
K6III	0	0	74	0	0	74
K3TW	7	49	18	0	0	74
K7RE	0	0	58	0	0	58
WB8RTJ	1	36	20	0	0	57
K7TQ	0	11	45	0	0	56
K0EVZ	0	9	47	0	0	56
KE4R	0	39	7	2	0	48
KG8GW	3	37	5	0	0	45
W0UFO	0	17	25	0	0	42
N3AO	0	39	2	0	0	41
WA4CIT	0	30	11	0	0	41
N7LT	0	8	31	0	0	39
NA8M	4	23	11	0	0	38
NG7Z	0	3	31	2	0	36
KV6K	0	7	29	0	0	36
K5JHP	0	5	30	0	0	35
K3NG	0	9	26	0	0	35
K3ESE	0	17	18	0	0	35
AA1MY	0	18	15	0	0	33
VE3ELA	0	23	10	0	0	33
W5YR	0	2	30	0	0	32
WY1W	0	17	14	0	0	31
AC6NT	0	0	29	0	0	29
N4DMI	0	2	25	0	0	27
VA3SB	0	27	0	0	0	27
W2BVH	9	7	9	0	0	25
AF4PP	0	3	20	2	0	25
WA8BXN	3	14	7	0	0	24
AB9CA	0	0	22	0	0	22
KW4JS	0	16	6	0	0	22
WJ9B	0	22	0	0	0	22
K7QO	0	0	22	0	0	22
K4GT	0	8	12	0	0	20
W3TW	4	9	7	0	0	20
K4KJP	0	0	19	0	0	19
K EWS	0	6	12	0	0	18
W9UQB	0	0	18	0	0	18
K8KFJ	0	8	9	0	0	17
KA3WMJ	2	10	5	0	0	17
KG4FSN	0	0	16	0	0	16
VE3XT	0	8	8	0	0	16
K1HJ	4	5	6	0	0	15
K9YT	0	0	15	0	0	15
KB9LCK	0	8	6	0	0	14
K4BX	0	5	9	0	0	14
KD5LX	0	5	8	0	0	13
W7PUA	0	2	11	0	0	13

AE6N	0	0	12	0	0	12
K3NY	0	5	7	0	0	12
KG6WP	0	5	7	0	0	12
N1KSN	0	11	0	0	0	11
KI0G	0	0	11	0	0	11
K6RXL	0	0	11	0	0	11
W1PID	0	11	0	0	0	11
KH6B	0	0	10	0	0	10
N4UY	0	3	7	0	0	10
KD7GIM	0	0	8	0	0	8
N3LJB	2	3	3	0	0	8
NK6A	0	5	3	0	0	8
KA9IKK	0	0	8	0	0	8
N9JXY	0	7	0	0	0	7
AB1AV	5	2	0	0	0	7
K04WX	0	6	0	0	0	6
W2LJ	0	6	0	0	0	6
N0XAS	0	2	4	0	0	6
WD9F	0	0	5	0	0	5
N8MHD	0	1	4	0	0	5
WD3P	0	3	2	0	0	5
AB6UI	0	4	0	0	0	4
KL7RHJ	0	0	3	0	0	3
N8HSP	0	1	2	0	0	3
N1WST	0	0	2	0	0	2
W10H	0	1	1	0	0	2
WA1VGB	0	2	0	0	0	2
KL0WN	0	0	1	0	0	1
W8HF	0	0	0	0	0	0

Date: Wed, 04 Jun 2003 18:32:01 -0600
 From: na5n@zianet.com
 To: qrp-l@lehigh.edu
 Cc: k5di@zianet.com
 Subject: [151851] Re: Good Band Conditions Indicator
 Message-ID: <20030605003201.17674.qmail@klaatu.zianet.com>
 Mime-Version: 1.0
 Content-Type: text/plain; format=flowed; charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Karl F. Larsen (k5di@zianet.com) wrote:

> I used Google and put in WWV and got the web page that gives
> Flux A and K numbers and a hint about solar activity. But I can't find
> anyone who is willing to lodge a smart guess for conditions on Field Day
> which is June 28,29.
>
> If you know of a place to get this guess data I would like the
> URL for it. Thanks.

Karl and others,
This is actually a good question, and a chance to explain a few things
for those new to the list.

NOAA and other organizations do provide long term predictions of solar
flux and the geomagnetic indices (A- and K-index), but those are based
strictly on mathematical averages. We have crossed the solar maximum and
on the decline, for which the 11-year solar cycle flux can be estimated
from month-to-month. On top of that, you have the variation in solar
flux due to the 28-day period of a solar rotation. This causes the
solar flux to go up and down, making a sine wave, over the 28-day
Carrington rotation of the sun. This too can be mathmatically modeled
and added to the month-to-month solar flux of the solar cycle.

Using the above process, the estimated solar flux for June 28 Field Day
will be about 110-115.

However, this does not take into account things like major solar flares
and coronal holes, which can not be predicted with much accuracy. Flares
are almost impossible to predict, short of 24 hours prior to a major
flare occuring, and coronal holes can sometimes be predicted with some
accuracy, as they tend to remain at the same place on the sun for several
rotations. Therefore, a large coronal hole, which is spewing out solar
mass that can trigger minor geomagnetic storms when it reaches earth, can
reappear at the same spot 28-days later to shower the earth again. For
a coronal hole to effect the earth, it needs to be positioned approaching
the center - to the center - of the sun for the outflow to reach the earth's
geomagnetic field.

It is fortunate that you asked this question today, because Field Day is
a bit more than 28 days away. So in terms of solar flux and coronal
holes, Field Day could appear very similar to what we were experiencing
on June 1st. And that a solar flux around 110 and A-indices around 20
due to the ending of a coronal hole stream.

However, June 1st also saw horrible conditions, major to severe geomagnetic
storms, due to the major M and X class flares occuring over several days.
We were being hit by the shock waves and the proton events from these
large flares. That condition likely WILL NOT reoccur for Field Day, as
the occurance of major flares are not predictable. But, the active region

of the sun that caused all those flares, could survive a solar rotation and re-emerge a day or two before Field Day. If it does produce a major flare, it could effect Field Day.

The window to watch would be 2-3 days BEFORE Field Day. It takes 2-3 days for the shockwave of a major flare to reach the earth. It is the shockwave that smacks into our geomagnetic field and causes the major to severe storms. So watch the NOAA site (<http://www.sec.noaa.gov>) for major flare activity on wednesday or thursday. If no major flares, and no large coronal holes, our geomagnetic field should be fairly quiet, defined as A index 12 or below, or K=1 or 2.

Should a major flare occur DURING Field Day, it could interrupt HF propagation but ONLY for the DURATION of the flare and perhaps an hour or two afterwards. This is not from a geomagnetic storm, as the shock wave won't hit earth for another 2-3 days, but from the arrival of the speed-of-light, and near speed-of-light electrons hitting the earth. These may penetrate the E and F layers and travel into the D-layer, where they will cause enhanced ionization of the D-layer. The D-layer is the absorption layer, that is, it absorbs a portion of our QRP signals as it travels through to the E/F layers, and again on the bounce back to earth. If the D-layer gets highly ionized from the arriving electrons from a flare, it will cause the D-layer to highly attenuate HF signals for a couple of hours, until the ionization bleeds off to normal levels. During this time, signals will appear to be very weak, or perhaps sound like a radio blackout - no signals at all. But the good news, this condition is temporary and will exist only a couple of hours. In the meantime, work as many stations as you can on GROUND WAVE :-)

One last thing to remember ...

Solar flux effects the maximum usable frequency (MUF). The higher the solar flux, the higher the MUF. Right now, with solar fluxes around 100, 10M is barely open and the MUF is around 20-24 MHz ... making even 15M open for a short time of the day. Solar flux does NOT effect frequencies BELOW the MUF. Therefore, low MUF's will not effect 40/80M for example. Noisy conditions due to the after math of a flare generally do not extend below 10MHz. So again, 20M to 10M is only bothered by the solar flux phenomenon.

Geomagnetic storms effect the lower frequencies more than the higher ones. Should a geomagnetic storm be in progress, this will effect the lower bands only. It takes a severe geomagnetic storm to cause problems much above 10MHz. So a geomagnetic storm does not particularly bother 20M.

So for solar activity, geomagnetic storms and general propagation of the HF bands, it is ALWAYS pretty good practice to start out saturday noon with the highest band that is opened. Likely, 10M will beable to support long skip propagation from noon to late afternoon, local time. 15M will

be in similar condition, except open before noon up until sundown or a little after. 20M will be open 14-hours, although with the lower flux, a bit weaker and fluttery in early evening to about midnight, when the night time atmosphere finally becomes stable. These bands will NOT be effected much should a geomagnetic storm be occuring on Field Day.

Then at night, as the lower solar flux drops the MUF down to 18MHz or so, 20M will remain open, and skip on 40 and 80M will be starting late afternoon until sunrise sunday. The conditions on 80 and 40M have NOTHING to do with the solar flux or flares going on. Unless a major flare is tossing electrons and protons down to the surface of the earth, known as a GLE (ground level event). Let's worry about that scenario if it happens -hi. I mean that ionizing radiation is flying through your body at that point. Working Delaware should be the last of your worries!

At night on 80-40M, the biggest concern is NOW the condition of our geomagnetic field. This is when the lowest A-index or K-index is very important. The higher the 3-hourly K-index, the higher the noise level below 10MHz. This will make the difference between a S-3 or S-4 noise level (K=1 or 2), or with K>3, noise levels pushing that S-meter to S5, 6 or 7. But the good news, by Field Day, you should know whether or not geomagnetic storming is likely ... due to either a coronal hole stream forecast, or a major flare occuring on wednesday or thursday. If those two situations do not occur, then 40-80M on Field Day saturday night should be a fairly good shape.

So start with the highest band you hear activity on (15M, possibly 10M), and work down to 20M when you milk them out. Around sundown, work 15 or 20 for 30 minutes or so to pickup some good north-south propagation due to the grey-line, then hit 40M a bit after sundown, then 80M when you milk out 40M or your dupe sheet gets blown away in the wind :-)

My guesstimate for Field Day: Solar flux 110 +/- 5 and A-index <15 Unless of course a major flare occurs wednesday or thursday.

72, and CU on FD/QRP
Paul NA5N

PS - Even hoping to work Karl this year. You know, it's hard to work your fellow NM QRPers from the short local ground waves due to the mountains and skip tossing your signal too far.

Date: Wed, 4 Jun 2003 19:41:43 -0500
From: "George, W5YR" <w5yr@att.net>
To: <maxmoon@umn.edu>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [151852] Re: Antenna Analyzers
Message-ID: <02af01c32afb\$3fdcaad0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have used the AEA CIA-HF for about three years now. In a word, it is indispensable. The graphing feature plus its inherent accuracy and convenience, etc. make it the clear winner over the others. I find it completely sufficient within itself.

Major problem is its inability to get the sign of jX always correct. Easy to compensate by changing the frequency a little up and a little down and seeing how the magnitude of X changes. But there are situations where that can be misleading.

I think that the unit is best used with one of the several control programs which improve upon the plotting and do the sign-of jX juggling for you.

Apart from that operational "con" the price is the big drawback. I paid about \$400 for mine several years ago and they are up to \$600 now. They have brought out a new deluxe version which does about everything for \$1999!

I can't think of any other instrument that can duplicate what it can do, especially a GDO or noise bridge. I had the Autek but sold it almost immediately as being inaccurate and almost unusable.

One or two other points: the CIA makes a great signal generator. Dial accuracy is within 200 Hz from about 100 kHz to well above 50 MHz. Accuracy depends to a large extent upon using a good stiff power supply capable of at least an amp. Inadequate current capacity results in a distorted waveform and that causes all manner of errors.

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@att.net>

----- Original Message -----

From: "Max Moon" <maxmoon@umn.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, June 04, 2003 4:42 PM

Subject: Antenna Analyzers

> Hi--
> I want to try some stringing up some wire HF antennas & will probably get
an
> antenna analyzer to test the results. I've looked at the e-Ham reviews &
ads
> in QST & websites. Between \$200 and \$400 I see three prime candidates: the
> Autek VA-1, the MFJ-259B, and the AEA CIA-HF.
>
> What I wonder is--Which analyzer has the most *useful features* for
> evaluating or tweaking an antenna?
>
> I'm asking about operation, not sturdiness of the case, quality of the
> solder joints, etc. The ads and comments focus on different features--this
> one tells you Q, that one the sign of X, this one gives some results as a
> graph, etc., etc. But do they tell you what you need to know? Furthermore,
> not all the claims are as simple as they seem (yes, this one advertises
that
> it gives you the velocity factor--but doesn't mention that you have to
> measure the feedline length by hand, then do the necessary math, and if
your
> arithmetic is correct, *then* you'll know the VF...).
>
> So, did you get one & find that in the field you needed information it
> couldn't provide? Do you have more than one antenna analyzer & keep
leaving
> the same one in the closet? Do you think the best choice (for amateur use)
> is something else? Maybe you use a GDO & think everything else is just
> hooley?
>
> Thanks very much!
> 72/73,
> Max, k0max
>

Date: Wed, 4 Jun 2003 19:45:25 -0500
From: "Don Wines" <dwines@tyler.net>
To: "QRP-L LIST" <qrp-l@lehigh.edu>
Subject: [151853] Weller Solder Station on Sale
Message-ID: <01b301c32afb\$c0d8d6e0\$e8034c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Just a heads up for anyone needing a good solder station. Time Motion Tools has the Weller WTCPT Solder Station on sale for \$79.99 (regular \$159.50).

<http://stores.yahoo.com/tmt/solstat.html>

This is an excellent station for the price. I have used one for about 4 years and am totally satisfied. The tip selection controls the temp.

Usual disclaimer...No connection with either Time Motion or Weller, just a satisfied customer.

72

Don, K5DW

k5dw@arrl.net

QRP-L #2083 QRP-ARCI #10145 NETXQRP #3 EM22gm

Visit the NETXQRP Web Site at <http://www.netxqrp.org>

Date: Wed, 4 Jun 2003 20:52:00 -0400
From: "NZ8J" <nz8j@woh.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [151854] WTB: LDG Z-11 Tuner
Message-ID: <007901c32afc\$ac4edac0\$6400a8c0@NZ8J>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Please send details such as condition, age, and price shipped to zip 45324
Thanks
Tim
Nz8J

Date: Wed, 4 Jun 2003 20:01:46 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <Kfivebgb@aol.com>, <AQRP@yahooogroups.com>, <qrp-l@Lehigh.EDU>,
 "Doug Hendricks" <ki6ds@dph.dpol.net>,
Subject: [151855] American QRP Club

Message-ID: <004601c32afe\$09914140\$4e100a0a@rohredt2000>

Excuse me, a minor point but the abbreviation A-QRP or AQRP has been used by the Austin QRP Club for some years. :-)

I hope the American QRP Club will use their full name to avoid confusion, or AmQRP.

Congratulations to the two clubs who will now share their good talents more fully.

That AmQRP is how we would say it, ;-) Am'QRP (I am QRP) down here, you all!

Has a nice accent to it----;-)

Have fun!

72,

Stuart K5KVH

Date: Wed, 4 Jun 2003 20:02:37 -0500

From: "George, W5YR" <w5yr@att.net>

To: <k5di@zianet.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [151856] Re: American QRP Club

Message-ID: <02f301c32afe\$2baeed90\$0401a8c0@PS>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Karl, you make some good points, but the "NorCal Model" for a QRP club has nothing formal like you suggest. No officers, no constitution, nothing like that. Be interesting to see what, if anything, changes now . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, June 04, 2003 3:55 PM
Subject: American QRP Club

>
> I think the current idea is very good, but suggest that there
> needs to be a not for profit incorporation in some state and the
> constitution should spell out how a new club or an old one like
> ScQRPions can join, and what they must do to stay with the National
> Club.
>
> A National meeting can with good expectations be held in
> California, Seattle, Dayton, Huntsville AL, New Jersey and like that.
>
> There will be Local meetings sponsored by the Local Clubs such
> as the current Fort Tuthill Hamfest in Flagstaff, AZ and at Hamcomm in
> Dallas.
>
> As with all things it comes down at last to money. The American
> QRP Club needs to have a bank account and an address where mail can be
> sent. The Publication of the club can have a cost that includes dues to
> the Club. Members need to be able to send gifts to the Club.
>
> When a Treasurer is elected he can open a bank account in the
> name of the Club and buy a Post Office Box nearest to him. There will be
> a Club web site that contains a wealth of information.
>
> There is work to be done and I hope the people starting this
> venture understand that delegation of power leads to a healthy Club.
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>

Date: Wed, 4 Jun 2003 20:07:19 -0500
From: "Hal" <kc0bdw2@hotmail.com>
To: <qrp-1@Lehigh.EDU>
Subject: [151857] Shack cleaning Sale
Message-ID: <000001c32afe\$d00da200\$6401a8c0@hal2000>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I have the following for sale.

HF Radio - Kenwood TS-520 (covers 80m thru 10 meters) purchased from Burghardt's used only a few time (maybe 10 at the most, has some scratches, dings etc but not too bad of shape for an almost 30 year old rig. includes ac power cord, photo copy of manual and a copy of a TS-520s (no cover on it) and hand mic. Great beginner's Rig. Has some mod on it for AM (I think) I only used it for SSB and I'm not sure if it works on CW (never tried it, I just wanted something for SSB) asking \$200.00 plus shipping (keep in mind its heavy something like 30lbs.)

HT's - 1 HTX 202 and 1 HTX 404
The 404 is in great shape the 202 works but isn't in the best shape. Includes 202 manual, 3 NiCd battery packs, 2 Alkaline battery packs, an Icom FA-1443b Dual band antenna (lost the originals) 1 carrying strap, an cigarette lighter adapter, and Icom battery pack BC-3 (I think, it was for my IC-02at but I lost that when I moved) I also think I have a copy of the 404 manual somewhere around here I just have to find it.=20
Asking \$100 plus shipping for both

QRP rigs - SW (Small Wonder Labs) 40+=20
set up for the novice cw part of 40 meters but can be changed to any other part of 40 meters (covers 35-40 khz) includes freq-mite (tells you the freq by morse code), manual, and Ten-Tec enclosure. for more info please check <http://www.smallwonderlabs.com/>
Asking \$55 plus shipping

PSK-80 warbler - 80 meter PSK only rig. Operates over a 1+ khz section of 80 meters (3580-3581 Khz). Works great with digipan. includes enclosure. manual is available via website
For more info check out <http://www.smallwonderlabs.com/>
asking \$40 plus shipping

Can send pics of any and all if interested. please contact me via email. =
The reason I am selling all of this is because I have a child on the way and =

I
need to make room for the baby.

Will consider any reasonable offer.
Payment via Postal MO or Paypal (no credit cards)=20

Thx,
Hal
KCOBDW

Date: Wed, 04 Jun 2003 21:17:04 -0400
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: qrp-l@lehigh.edu
Subject: [151858] Re: American QRP Club
Message-ID: <3EDE9A10.8010604@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

We'll put Karl. Another thing that one should consider if there is no incorporation is the personal liability of those in command.

Pickett, AD4SW

Date: Wed, 4 Jun 2003 19:38:08 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [151859] Re: American QRP Club
Message-ID: <Pine.LNX.4.44.0306041926270.2428-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi George, Doug was very upset that I sent my suggestions in a QRP-L message. I felt there had been far too many "great job!" messages and so I sent one with what I think is very good advice. I am a lowly member of the ScQRPions and am not looking for more work and as a member of the board for a bank I know more than I really want to know about State law.

I hope they change the model to one that can grow. A Mom and Pop Market business will not succeed today.

Today I spent most of today finding the right thinwall PVC 3" diameter pipe and then a cap for this pipe to make a rain protection cover for my screwdriver antenna. It will not rain for another 31 days but you can't be too careful...:-)

On Wed, 4 Jun 2003, George, W5YR wrote:

> Karl, you make some good points, but the "NorCal Model" for a QRP club has
> nothing formal like you suggest. No officers, no constitution, nothing like
> that. Be interesting to see what, if anything, changes now . . .

>

> 73/72, George

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> "In the 57th year and it just keeps getting better!"

> <mailto:w5yr@att.net>

>

>

>

>

>

> ----- Original Message -----

> From: "Karl F. Larsen" <k5di@zianet.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Wednesday, June 04, 2003 3:55 PM

> Subject: American QRP Club

>

>

> >

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> > needs to be a not for profit incorporation in some state and the
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> >

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> > the Club. Members need to be able to send gifts to the Club.
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> > When a Treasurer is elected he can open a bank account in the
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> >
> > --
> >
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
> >
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 04 Jun 2003 21:27:22 -0400
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: qrp-1@lehigh.edu
Subject: [151860] Re: The American QRP Club
Message-ID: <3EDE9C7A.4050400@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Just a note of clarification.. FDIM (Four Days in May) is an event of the QRP-Amateur Radio Club International (QRP-ARCI). While FDIM is a fairly new event that was begun by two QRPers about 8 years or so ago and later taken over by QRP-ARCI, ARCI has been in business for 27 years I believe.

I am just a member of ARCI, not on the Board or an officer or any such thing but didn't want any confusion regarding ARCI's contribution to the advancement of all QRP aspects of amateur radio for many, many years.

J. Pickett Cummins, AD4S

Date: Wed, 4 Jun 2003 21:58:26 -0400
From: "Tom" <kf4yyd@adelphia.net>
To: "Flying Pig" <fpqrp-1@fpqrp.com>,
"Owner-Glowbugs" <glowbugs@piobaire.mines.uidaho.edu>,
Subject: [151861] Looking for Switch
Message-ID: <EIEBLEILGEEGMLHGHOAGAENGCGAA.kf4yyd@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Does anyone know where I can find a 1 pole 4 position rotary switch? I've checked all the places I know of and have come up empty.

Thanks

73, de Tom kf4yyd Fredericksburg Virginia

Date: Wed, 04 Jun 2003 20:06:57 -0600
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: k5di@zianet.com, QRP-L <qrp-1@lehigh.edu>
Subject: [151862] Re: Good Band Conditions Indicator
Message-ID: <BB0401E1.7EF6%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Karl - From NOAA'a 28 day predictions:

2003 Jun 26	115	25	5
2003 Jun 27	110	15	3
2003 Jun 28	115	15	3

Doesn't look too bad, barring any turbulent events on the Sun. 10 M probably won't be open except for sporadic E, but 15 M should open long. 20 M will be the workhorse. Paul's Prognostications look pretty good. - Dr. Megacycle
KK6MC/5

James R. Duffey KK6MC/5
Cedar Crest NM 87009 DM65

Date: Wed, 04 Jun 2003 22:08:29 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [151863] NEQRP CW Net, Thursday, 5 June 03, 08:30 PM EDT, 3.565 MHz
Message-ID: <3EDEA61D.1090502@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 5 June 2003, at 8:30 PM EDT (00:30Z, 6 June 03) on or near 3.565 MHz. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Last week's net was totally washed out by the solar flare, and any signals that did return from the ionosphere were buried by the accompanying auroral noise. Although I could hear two or three stations calling, I could not even identify the calls. It was one of those rare times where no other signals were heard across the whole of the 80M CW band. Even the few SSB stations that were heard at this QTH were weak and noisy. [On the positive side, I'm told that six meters was booming with DX via auroral scatter.]

Thanks to everyone who tried last week. Let's hope for better conditions this Thursday (certainly can't be any worse). Hope to hear you on the weekly NEQRP 80M CW net.

72 DE K1CL,
Chuck

Date: Wed, 4 Jun 2003 21:35:50 -0500
From: "pschweit" <pschweit@mninter.net>
To: <blinn@smgazette.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [151864] Re: NorCal BLT Tuner
Message-ID: <009901c32b0b\$2f5c0420\$10e7add1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Is it possible for the contacts in the switches to degrade over time? My BLT tuner is somewhat older and well used and this may be a possibility on why it does not seem to perform as well as expected.

De Rob
KA0PGQ

----- Original Message -----

From: Bill Linn <blinn@smgazette.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, June 02, 2003 4:37 PM
Subject: Re: NorCal BLT Tuner

> Hi Lee, I just finished building a NorCal BLT also! I experienced
similar
> performance and traced the problem back to faulty switches. The switches
> supplied with the kit have terminals that don't tin easily and extra heat
> (and it doesn't take much to be excessive) melts the case allowing the
pins
> to become loose in the switch housing. (Unlike some of the miniature
> switches housed in something akin to Bakelite, these don't lend themselves
> well to this application. I replaced the one on the front panel with a
slide
> switch.)
>
> After replacing the switches and adding a trimmer cap across C2 for a bit
> more capacitance, it tunes my G5RV nicely to 15, 20, and 40 meters.
> Extinguishing that little LED is fascinating while watching the results on
> the NOGA SWR/Wattmeter!
>
> Check those switches.. (Also the one you added for coaxial output.)
>
> Bill - WA7TQK
>
> ---
> [SMGazette.com E-mail is scanned for viruses by Declude Virus]
> [Visit us on the web at SMGazette.com]
>

Date: Wed, 4 Jun 2003 20:37:51 -0600
From: "Jerry Felts" <nr5a@rap.midco.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151865] 20m V Beams?
Message-ID: <032d01c32b0b\$760b42f0\$3865dc18@jerryhc0zfj19d>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone used a V Beam on 20m and up? How did it work? I'm thinking about maybe trying one. Looking for info on them.

Thanks

Jerry - NR5A - South Dakota

Date: Wed, 04 Jun 2003 22:38:05 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [151866] Re: The American QRP Club
Message-ID: <5.1.1.6.1.20030604223512.00b29600@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:27 PM 6/4/2003 -0400, you wrote:

>Just a note of clarification.. FDIM (Four Days in May) is an event of the
>QRP-Amateur Radio Club International (QRP-ARCI). While FDIM is a fairly
>new event that was begun by two QRPers about 8 years or so ago and later
>taken over by QRP-ARCI, ARCI has been in business for 27 years I believe.
>

>I am just a member of ARCI, not on the Board or an officer or any such
>thing but didn't want any confusion regarding ARCI's contribution to the
>advancement of all QRP aspects of amateur radio for many, many years.

John,

My mistake, for which I apologize. I wasn't suggesting that the new club usurp an existing event, or even the name.

I'll just go sit in the corner now.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Thu, 05 Jun 2003 02:42:01 +0000
From: "Bruce Prior" <n7rr@hotmail.com>
To: unlisted-recipients;; (no To-header on input)
Subject: [151867] A Non-Emergency -- Confessions of an APRS Klutz!
Message-ID: <BAY1-F525o2cbS0mJBr00000f34@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Monday afternoon, 2003-06-02, I was at my home in Blaine, WA, very near the British Columbia border, when my Kenwood amateur radio handitalkie model TH-D7AG, tuned to the 144.39 MHz APRS (Automatic Packet/Position Reporting System) frequency, spewed out a set of tones which I'd never heard before. On the screen splashed "EMERGENCY !"

Klutz action #1:

I thought someone was sending an emergency message, so I pushed the MSG button and then the menu item LIST. I found the following message:
! PDTFFS 310300z,FLOOD,OR_C055,OR_C059,OR_C065, <V20AC◄

Klutz action #2:

I couldn't make sense of the message, except that "FLOOD" didn't seem like good news. I telephoned Jim Elston, KP2X, in the nearby town of Ferndale, who chairs the Whatcom County RACES (Radio Amateur Civil Emergency System) chapter. His wife said that he's out of town. I explained that I had received an emergency ham radio message and asked if I could reach him. She managed to reach him by some other means. I gave her my telephone number and Jim Elston phoned me from a mountaintop radio site in Oregon. I started to give him the mysterious message, then he suggested I phone the amateur radio Emergency Coordinator, Dale Kloes, N7KWD. I started to track Dale down when the chimes and the "EMERGENCY!" message repeated.

Klutz action #3:

Then it dawned on me that maybe this was a beacon transmission, rather than a message. So, I pushed the LIST button on my Kenwood handitalkie and sure enough, there was a beacon from VE7EJ-7 with a aircraft icon and a status text: "PEP-AIR ." I understood "PEP" to mean "Provincial Emergency Program." I wrote down the Maidenhead coordinate: CN89qe. (Later I discovered that to be near the Trans-Canada Highway, north of Langley, British Columbia.) Soon another message followed with a different

Maidenhead coordinate. That told me that VE7EJ was actually airborne. I decided to telephone the Rescue Coordination Centre in Victoria, BC. Directory assistance gave me an 800 number. I asked if that number were valid for dialing from the U.S. The directory assistance operator didn't know. I asked if he could connect me directly, since I needed to report an emergency. He wasn't able to do so. I dialed the 800 number and got an error message.

Klutz action #4:

I dialed 9-1-1 and gave my name and address and explained that I was an amateur radio operator and that I had received an emergency message from an aircraft that was likely in British Columbia. I asked them to connect me to the Rescue Coordination Centre in Victoria. The 911 staff didn't have that number, so they connected me to the Communications Centre at the Vancouver Police Department. That centre is run by my long-time friend, Inspector Kevin McQuiggin, VE7ZD. I didn't ask to speak with Kevin. After explaining the situation, they gave me the regular number for the Rescue Coordination Centre. Meanwhile, the TH-D7AG kept singing out new emergency beacons.

Big-Time Klutz action #5:

After telling the duty staff what I knew, including a brief explanation of APRS, and I asked if they were familiar with the Maidenhead coordinate system. They weren't. I explained that it was one of a number of choices available on civilian GPS receivers. After some consultation among the Victoria staff, I was told that nobody was familiar with it. I nevertheless persuaded the staff to write down a series of Maidenhead coordinates, which continued to change as more emergency beacons spewed out of my Kenwood handitalkie.

Big-Time Klutz action #6:

Completely oblivious of the fact that I only had to push the OK button a few times to get all of the beacon packet information from VE7EJ, including Lat/Long, I decided to enter the Maidenhead coordinates into my GPS receiver and then change the coordinate setting to Lat/Long. I said I'd do the conversions and phone them back.

Klutz action #7:

Using the laborious method of translating the coordinates, I discovered that the aircraft was actually south of the 49th parallel, and therefore over the State of Washington. So, I phoned the Victoria Rescue Coordination Centre with this new information. They suggested that I get in touch with the Coast Guard Command Center in Seattle, and they gave me the telephone number.

Klutz action #8:

I phoned the Coast Guard in Seattle, explaining about the situation and the APRS system, and I asked if THEY understood the Maidenhead coordinate system. Meanwhile, new emergency beacons continued to arrive.

Brilliant Action #9:

It occurred to me that I could hook up the TH-D7AG to my Garmin Vista GPS receiver, set the communication parameters on both units to NMEA, and then incoming beacons would be transformed into waypoints on my Vista, which I could then view on its built-in map system. That would allow me to read the coordinates in Lat/Long directly from my GPS.

Brilliant Action #10:

I suggested to the Seattle Coast Guard that they try to reach Bob Bruninga (WB4APR, the inventor of APRS) at the U.S. Naval Academy in Annapolis, MD. In short order, they had Bob on the line and I asked them to patch me into him. They said they could if I hung up. I did so, and they phoned me back so I could share in the conversation with WB4APR. Bob took control of the situation, reminding me that I could access the altitude, course and speed screen on my TH-D7AG. Finally, I was able to give them useful information. We discovered that the aircraft was back in Canadian airspace, so the Seattle Coast Guard Command Center got in touch with the Rescue Coordination Centre in Victoria. We now had a 4-way conference call linking Victoria, Seattle, Annapolis and Blaine. The Victoria Centre suggested that it might be one of their aircraft which was involved in a search for a missing aircraft. Meanwhile, after some fumbling caused by my forgetting to tell him that the callsign was being sent in the expanded tactical form: VE7EJ-7, Bob found the aircraft on the internet FINDU facility. He then directed the Victoria Rescue people to go to that internet site, as well as to QRZ.com, so they could get the name and address information about VE7EJ. After awhile, the Victoria Centre confirmed that the aircraft was, indeed, involved in a search for a missing aircraft. The pilot was instructed to stop sending beacons in emergency mode. Some hours later, I continued to receive beacons from VE7EJ-7, but by then the Position Comment had changed from "Emergency!" to "Special." I don't know whether the downed aircraft has been located. I know for sure that a simple parameter-setting error by VE7EJ translated into a useful lesson for him, for the Rescue Coordination Centre in Victoria, for the Coast Guard Command Centre in Seattle, and for me. I understand that a briefing about APRS is being planned by Seattle radio amateurs for the Coast Guard Seattle staff. Perhaps something similar will take place for the Victoria Rescue Coordination Centre staff.

Subsequently, Fred Carey VE7EJ sent me a most informative e-mail, which helped clarify the situation. I spoke with him on the telephone this evening (2003-06-04) and he told me that the missing aircraft hasn't yet been located. It had just finished dropping some skydivers over a private airstrip when it disappeared. Air search operations continue. His e-mail is reproduced here with his permission:

(VE7EJ):

Major Klutz action dominos through-out amateur community!

Not to worry Bruce... it all started when this pinhead decided to use the new and fancy TH7D (we wouldn't have had that problem if we had kept using our old and reliable KPC3Plus!)

We had 3 search aircraft beaconing every 30 sec., (VE7JSC-7, and VE7CVN-7) so we thought that it was displaying that we were an emergency service so we wouldn't be questioned on causing congestion.

I guess we never thought of the APRS as an Emergency beacon transmitter... that opens up a whole new functionality we never even thought of! This APRS stuff just keeps getting better and better!

We spend a lot of time flying in very rough mountainous terrain, and this is a great way to keep tabs on all of the aircraft.. especially when we have low level searches in remote valleys... we can send up a high bird with a relay wide digipeater, and we can monitor everyone.. and we have the collision avoidance as we use Garmin Vistas, and Legends as (and if we can afford it...) the new 196, which plots each other on the screen so we don't bump into each other. (Gets really messy)

Anyway, the search is continuing, and we will be careful with that "emergency" button. I will be airborne sometime tomorrow.. so keep an eye out for me and cover for any stupid mistakes!

Many thanks for your concern, and sorry for any misunderstanding.

You did the right thing, and we all learned a lot!

The system works!

Fred G. Carey AScT (VE7EJ)
Area Air Deputy - CYPK
Civil Air Search and Rescue Association

73, Bruce Prior N7RR
Blaine, WA

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Date: Wed, 4 Jun 2003 20:07:49 -0700
From: "Kurt Kiesow \(\Home\)\" <kurt@kiesows.com>

To: <qrp-1@lehigh.edu>
Subject: [151868] [OT] Not QRP - Needed: Broadband receive distribution amp circuit
Message-ID: <003701c32b0f\$a6808450\$0b64640a@kiesows.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I posted this here because this is the single place where I have access =
to
the most "RF knowledgeable" people in the world. :-)
=20

What I need: I'd like to share a single Diamond discone antenna
(25MHz-1.3GHz) between four or five scanners and high performance =
receivers.

There will be no transmitting. Ideally it should have relatively flat
response across this spectrum. Also, for gain calculations: it will be
located about 100 feet of RG-8X away from the antenna and the receivers =
will

be within 5 feet of RG-58 of this amp. I like the amp - feedline to =
provide
unity gain between the antenna and each receiver, (i.e. additional gain =
is
not necessary but a small amount is acceptable).

=20
I'd prefer a "single board" type of circuit, but, if I need to have a
"pre-amp" stage located up by the antenna (phantom powered?), I'll =
consider
it.

=20
If I get a good recommendation, I'll build it and create a web page with
pix.

=20
OK guys - have at it.=20
Thanks for the bandwidth.

Kurt A.F. Kiesow III
KF6QNC
Fists #7231 -- QRP-L #2127
ARS #1064 -- ARCI #10956
K2 #823 -- K1 #

Date: Wed, 4 Jun 2003 23:43:47 EDT
From: IamSF5@aol.com
To: kc0bdw2@hotmail.com
Cc: qrp-1@lehigh.edu
Subject: [151869] (no subject)
Message-ID: <1d2.b2a4bb7.2c101673@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

From: "Hal" <kc0bdw2@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: Shack cleaning Sale

I have the following for sale.

HF Radio - Kenwood TS-520 (covers 80m thru 10 meters)
purchased from
Burghardt's used only a few time (maybe 10 at the
most, has some scratches,
dings etc but not too bad of shape for an almost 30
year old rig. includes
ac power cord, photo copy of manual and a copy of a
TS-520s (no cover on
it)and hand mic. Great beginner's Rig. Has some mod on
it for AM (I think) I
only used it for SSB and I'm not sure if it works on
CW (never tried it, I

=====
You mean to say you actually had this rig on but never tried it to see if it
worked on CW?

All it takes is a turn of the switch.
I know of a local ham who would want it but he wants CW.
Try it and let me know.

73
Bob
AF2Q

Date: Wed, 04 Jun 2003 23:02:40 -0500
From: Monty N5ESE <n5ese@io.com>
To: "Stuart Rohre" <rohre@arlut.utexas.edu>
Cc: <Kfivebgb@aol.com>, <AQR@yahoogroups.com>, <qrp-1@Lehigh.EDU>,
"Doug Hendricks" <ki6ds@dph.dpol.net>,

Subject: [151870] Re: [AQRQ] American QRP Club
Message-ID: <5.2.0.9.1.20030604225742.00a316d0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Good point, Stu!

And if we really are soliciting our Canadian friends to the North as equals in membership, may I suggest North American QRP (NAQRP).. or is it a done deal?

72,
monty N5ESE
AQRQ

At 20:01 06/04/2003 -0500, Stuart Rohre wrote:

>Excuse me, a minor point but the abbreviation A-QRP or AQRQ has been used by
>the Austin QRP Club for some years. :-)

>

>I hope the American QRP Club will use their full name to avoid confusion, or
>AmQRQ.

>Congratulations to the two clubs who will now share their good talents more
>fully.

>

>That AmQRQ is how we would say it, ;-) Am'QRQ (I am QRQ) down here, you
>all!

>Has a nice accent to it----;-)

>Have fun!

>72,

>Stuart K5KVH

>

>

>

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>

>Via the Austin QRP Club list

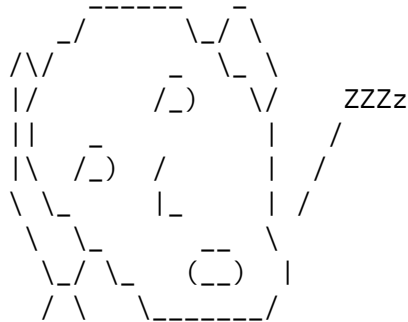
>

>Your use of Yahoo! Groups is subject to <http://docs.yahoo.com/info/terms/>

'Not all Texans are crazy ... some are just plain LOCO ...'
(and you know the one I'm talking about ;-)

Monty Northrup, N5ESE (ex-N5FC)
Austin, Texas
e-mail: n5ese@io.com

web page (ham): <http://www.dit-dididit-dit.com>
web page (home): <http://www.io.com/~maddog>



Date: Wed, 4 Jun 2003 22:27:00 -0600
From: "Paul Ermisch" <paul@ermisch.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151871] RE: Antenna Analyzers
Message-ID: <NHBBIMAFPBCKANGJGAPDOEAKCCAA.paul@ermisch.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

AEA was at Dayton and selling the CIA for \$370 or so if I remember correctly. I should've gotten one then and sold off the MFJ-269 to pay for it. www.aea-wireless.com

But the 269 has done well for me, too - the coax analysis tools it provides have come in handy. And it can be used as a frequency counter. Just feels very cheaply made.

Paul KB0LUR

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Bob Tellefsen
Sent: Wednesday, June 04, 2003 5:40 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Antenna Analyzers

Max

I started with the Autek RF-1. Then when the VA-1 came out, I got it. Never really liked the way they worked, so when I saw an AEA HF-CIA

antenna analyzer, I jumped on it. Now it is in use nearly everyday for some test or other.

It cost more, but I personally feel it was worth it for what I do.

73, Bob N6WG

Date: Thu, 5 Jun 2003 06:04:39 +0100
From: "Kenneth Evans" <w4du@attbi.com>
To: "QRP-1" <qrp-1@lehigh.edu>
Subject: [151872] AT Sprint - Another Lives
Message-ID: <007a01c32b1f\$f8411060\$6502a8c0@w4du>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Finally finished up the AT Sprint tonight. I did three mods - the pull up resistor, the base current limiter and the recent voltage mod. Only trouble I had was getting the paddle working!! Seems I didn't get enough mask off the board!!

I am impressed. The receiver sounds good and has nice selectivity. I worked Norfolk, VA on 40. Then finished the 30 meter board and worked Italy on that band. Got a 559 from both.

Great work Steve - now for the packaging.

72/3,
Ken W4DU
w4du@arrl.net
QRP ARCI #696, GQRP, NOGA, FP #295, NORCAL, ARRL-Life

Date: Wed, 4 Jun 2003 15:28:38 -0700 (PDT)
From: Adrian Weiss <adeweiss@sd.value.net>
To: <qrp-1@lehigh.edu>
Subject: [151873] Spartan Sprint non-results
Message-ID: <1491.67.240.39.202.1054765718.squirrel@mail.sd.value.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Hi all:

I was really loooking forward to working the SP with my new Altoids-2 rig -- great dc rcvr and 3w output possible on a fully charged 10v batt. Alas! "EZNEC never lies", as its creator once said. Operating in a condo in SC on the beach, I managed a whole 2 QSO's in 1:45! I called at 1w for a long time, and then jacked up to 2.5w before making a QSO. The problem? Perhaps partly propagation, but mainly the antenna. I got a stealth 30m loop up but very low, measuring 28ft of vertical sides and 23ft on the horizontal, bottom just 10ft off the ground. It is very difficult working easy EU DX with this ant., but that is another problem -- a 20-storey condo next door shields my signal from about 30-80-deg azimuth, and up to about 70-deg elevation!! Don't let anyone tell you that a rebar reinforced concrete building with billions of miles of copper wiring and tubing stretching about 200ft in front of your signal does not have an effect! Probably not good enough for shielding off the radiation from a H-bomb, but it sure cuts signal levels from a QRP rig!

Then, on 40m, this thing shoots it signal up at about 65-deg, which should be OK for "loccals", but it wasn't!

Another problem is the lack of RIT and offset on the Altoids-2. But I got the feeling that too many narrow filters were listening. I called a couple of good signals upteen times over the 2-hour period and I just know they should have heard me. Oh well ... it was fun anyhow. The rig works like a charm except for the fact that I have to slot the screwdriver into the variable trimmer cap to change frequency every time I call etc.

But hey, those 2 Q's were great!

72, Ade

Date: Thu, 05 Jun 2003 05:26:50 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: kf4yyd@adelphia.net, qrp-1@Lehigh.EDU
Subject: [151874] Re: Looking for Switch
Message-ID: <Law15-F94RnNgZJp3dg0004665c@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>From: "Tom" <kf4yyd@adelphia.net>
>Reply-To: kf4yyd@adelphia.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Subject: Looking for Switch
>Date: Wed, 4 Jun 2003 21:58:26 -0400
>
>Hello,
>
>Does anyone know where I can find a 1 pole 4 position rotary switch? I've
>checked all the places I know of and have come up empty.

You'll probably have to get a 1 pole 12 way and adjust the stop to make it four way. That seems to be how they are made these days.

Leon

--

Leon Heller, G1HSM Tel: +44 1424 423947
Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller

Stay in touch with absent friends - get MSN Messenger
<http://www.msn.co.uk/messenger>

Date: Thu, 05 Jun 2003 01:59:25 -0400
From: Pete Burbank <plburbank@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [151875] propagation question
Message-ID: <5.2.0.9.0.20030605012859.00a49ba0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dear Gangue

I was wondering how many folks have heard "The Surf Noise" on the bands. During the last sunspot dip years ago I had a fun sked with a guy in Fla and we had both heard it many times and it is like being at the ocean beach. I bet NA5N could explain this phenomena. And more than likely we will hear this again in the next few years. 72/73/88 or whatever blows your dress up :-) :-)
Pete NV4V Ky

Date: Thu, 05 Jun 2003 07:55:33 +0100

From: Chuck Adams <k7qo@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [151876] New Keyer Kit from NorCal Pot?
Message-ID: <5.2.1.1.0.20030605075301.01c47840@smtp.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Has any one gotten their kit yet? I assume that the speed pot is not board mounted and needs to be provided by the builder. What is its value for those that might not have one in their supply of parts and might want to make a quick trip to RadShack to pick one up before their kit gets to their mail box.

Inquiring minds wanna know.

Chuck Adams K7QO k7qo@earthlink.net
<http://www.qsl.net/k7qo> CP-60

Date: Thu, 5 Jun 2003 05:56:41 -0500
From: mark.milburn@juno.com
To: qrp-1@lehigh.edu
Subject: [151877] Iowa QRP Club CW Net
Message-ID: <20030605.055728.-758183.2.MARK.MILBURN@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Eeeek! Another rough night on the 40 meter band! The band was "long" and the foreign chit chat was loud as was the regular band noise. We did gain a new member when Jim, W0CML checked in from near Denver, running 5 watts on his Icom 735. He's got a ton of antenna and it showed last night. Thanks for checking in, Jim, and we'll hope to see you whenever you can make it.

Also present was Mike, WA8BXN, from near Cleveland. Signals were rough, but Mike toughed it out again...thanks, Mike.

If there were others that tried, I'm sorry to have missed you. We'll try again next week.

Mark KQ0I
Des Moines, Iowa
Instant Messenger: markkq0i
- - - - -

Date: Thu, 5 Jun 2003 05:59:05 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "James R. Duffey" <JamesDuffey@comcast.net>
Cc: QRP-L <qrp-l@lehigh.edu>
Subject: [151878] Re: Good Band Conditions Indicator
Message-ID: <Pine.LNX.4.44.0306050546140.1480-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes Paul would know. And it does look good. Looks as if conditions will be improving. Yesterday at 0200 UTC (4pm) N5IOS in Taos was at least marginal copy in Las Cruces on 40 meters, and at 0400 UTC KC5EVR/M was 58 with heavy QRM from Ohio on 20 meters. Most of last week and all of this week I could not hear either station.

I'm pessimistic about doing well Jim, so Karl & Karl are going to use paper log and dupe sheets. Card tables with a tarp overhead to keep the sun off at 9,000 feet near Sun Spot is where we will be camped on field day. Not many contacts maybe but lots of fun.

On Wed, 4 Jun 2003, James R. Duffey wrote:

> Karl - From NOAA'a 28 day predictions:

>

>

> 2003 Jun 26 115 25 5

> 2003 Jun 27 110 15 3

> 2003 Jun 28 115 15 3

>

> Doesn't look too bad, barring any turbulent events on the Sun. 10 M probably
> won't be open except for sporadic E, but 15 M should open long. 20 M will be
> the workhorse. Paul's Prognostications look pretty good. - Dr. Megacycle
> KK6MC/5

>

> -----
> James R. Duffey KK6MC/5

> Cedar Crest NM 87009 DM65

>

>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Thu, 05 Jun 2003 08:03:29 -0400
From: Alex <kr1st@amsat.org>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [151879] Re: Antenna Analyzers
Message-ID: <3EDF3191.AC95847E@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"George, W5YR" wrote:

> One or two other points: the CIA makes a great signal generator.

I'd think they make great receivers. I've always found the CIA better at listening than talking. ;)

Thanks for the note on the analyzer though. I've been pondering the same question myself. Also thanks to the person who brought it up.

73,
--Alex KR1ST

Date: Thu, 05 Jun 2003 08:32:22 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [151880] Re: American QRP Club
Message-ID: <3EDF3856.567F433C@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Karl F. Larsen" wrote:

>

> Hi George, Doug was very upset that I sent my suggestions in a QRP-L
> message. I felt there had been far too many "great job!" messages and so
> I sent one with what I think is very good advice.

That really is too bad. Nothing you wrote was critical of the forming of

this new club I think. Just a few weeks ago I learned myself that incorporation of a club protects you from personal liability, so I'd think that indeed you gave good advice.

My advice to the American QRP Club would be to take the paragraph about the justification for the use of the word "American" in the name out of further announcements and web site. To me it seems rather defensive, while there's nothing to be defensive about.

73,
--Alex KR1ST

Date: Thu, 5 Jun 2003 09:38:57 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <kf4yyd@adelphia.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [151881] Re: Looking for Switch
Message-ID: <004101c32b67\$e9381b20\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Hello,
>
> Does anyone know where I can find a 1 pole 4 position rotary switch?
I've
> checked all the places I know of and have come up empty.
>
> Thanks
>
> 73, de Tom kf4yyd Fredericksburg Virginia

I just (well, a few months ago) picked up 2-pole 6-position switches at RS. I used them to make some selectors for RS-232 devices that I put in a chamber. They are break before make switches.

You could 'pin' it if it's really necessary to make it 'just 4'.

OK, now to be nostalgic... I remember when you could buy switches that had 'break off tabs', where you broke off the tabs for as many positions as you wanted. And you could gang wafers...

Well, they probably are still available. But not at the local RS!

Mike

N1DVJ

Date: Thu, 05 Jun 2003 09:44:03 -0400
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [151882] Re: [OT] Not QRP - Needed: Broadband receive distribution amp circuit
Message-ID: <5.1.1.6.1.20030605094221.00a750c0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Kurt,

Would a TV distribution amp suit? When I worked in a TV shop we used them to feed signal to all the sets in the showroom. I don't know if they go all the way up to 1.3 GHz, but they did cover VHF and UHF TV broadcast bands.

Dave

At 08:07 PM 6/4/2003 -0700, you wrote:

>I posted this here because this is the single place where I have access to
>the most "RF knowledgeable" people in the world. :-)

>

>What I need: I'd like to share a single Diamond discone antenna
>(25MHz-1.3GHz) between four or five scanners and high performance receivers.
>There will be no transmitting. Ideally it should have relatively flat
>response across this spectrum. Also, for gain calculations: it will be
>located about 100 feet of RG-8X away from the antenna and the receivers will
>be within 5 feet of RG-58 of this amp. I like the amp - feedline to provide
>unity gain between the antenna and each receiver, (i.e. additional gain is
>not necessary but a small amount is acceptable).

>

>I'd prefer a "single board" type of circuit, but, if I need to have a
>"pre-amp" stage located up by the antenna (phantom powered?), I'll consider
>it.

>

>If I get a good recommendation, I'll build it and create a web page with
>pix.

>

>OK guys - have at it.

>Thanks for the bandwidth.

>

>Kurt A.F. Kiesow III

>KF6QNC

>Fists #7231 -- QRP-L #2127

>ARS #1064 -- ARCI #10956
>K2 #823 -- K1 #

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Thu, 05 Jun 2003 08:52:07 -0500
From: Dave Hottell <hottell@gulftel.com>
To: maxmoon@umn.edu,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151883] Re: Antenna Analyzers
Message-ID: <3.0.6.32.20030605085207.009a8d30@pop.gulftel.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Max,

Although some folks on the list don't seem to think much of them, I have one of Autek VA-1's and it is OK. While it may not be the most accurate device out there, it is certainly close enough for amateur work. I have checked it against a few known values and it is never 'on' but always close. Will give all the needed info with enough accuracy to let you know what is going on.

Measures Z ($R + jX$), L, and C to reasonable accuracy. Those are the three things I use it for the most.

It is *not* the greatest quality though. While mine still runs OK, two segments of the rightmost digit in the display do not work properly. Still a lot better than a simple SWR meter though.

73 de Dave
ab9ca

At 04:42 PM 6/4/03 -0500, Max Moon wrote:

>Hi--

>I want to try stringing up some wire HF antennas & will probably get an
>antenna analyzer to test the results. I've looked at the e-Ham reviews & ads
>in QST & websites. Between \$200 and \$400 I see three prime candidates: the
>Autek VA-1, the MFJ-259B, and the AEA CIA-HF.

>

>What I wonder is--Which analyzer has the most *useful features* for
>evaluating or tweaking an antenna?
>
>I'm asking about operation, not sturdiness of the case, quality of the
>solder joints, etc. The ads and comments focus on different features--this
>one tells you Q, that one the sign of X, this one gives some results as a
>graph, etc., etc. But do they tell you what you need to know? Furthermore,
>not all the claims are as simple as they seem (yes, this one advertises that
>it gives you the velocity factor--but doesn't mention that you have to
>measure the feedline length by hand, then do the necessary math, and if your
>arithmetic is correct, *then* you'll know the VF...).

>
>So, did you get one & find that in the field you needed information it
>couldn't provide? Do you have more than one antenna analyzer & keep leaving
>the same one in the closet? Do you think the best choice (for amateur use)
>is something else? Maybe you use a GDO & think everything else is just
>hooley?

>
>Thanks very much!
>72/73,
>Max, k0max
>
>

Date: Thu, 5 Jun 2003 09:52:13 -0400
From: steve.lawrence@itwfeg.com
To: maxmoon@umn.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151884] Re: Antenna Analyzers
Message-ID: <0F0856CCF2.A86F90F2-0N85256D3C.00482E4F-85256D3C.004C30E5@itwfeg.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Max,
I own both the Autek VA-1, and the MFJ-259 (early model) which are priced
in the same neighborhood..... comments on both:

Autek VA-1

- small, compact, pocket sized, very portable
- single 9v battery "friendly"... not too power hungry
- very touchy tuning controls
- digital readout makes it harder to spot a dip in SWR
- coverage to 32MHz
- single source, one price (direct from manufacturer)

MFJ

- larger package is a bit more cumbersome, say when using it while up on a tower or when a portable unit is needed for field work
- power hungry (I think 10 x AA cells, but you can use rechargables)
- convenient meters help you see when you're sneaking up on a dip in SWR or impedance -- in general I like the displays and controls on the MFJ better than the VA-1
- easier to tune
- coverage to 170MHz (covers 6M and 2M band)
- multiple sources, and sometimes can be found on sale or below list price

Accuracy, while suspect, is "good enough for Amateur work". Neither of these are laboratory instruments -- to get more, you will pay several times more! For example, I've seen issues with the correct determination of the sign of X (capacitive or inductive reactance?), but this can be worked around.

I believe there are reviews on the ARRL web site for both instruments. The MFJ site lets you download the user manual.

In summary? Neither of these units are clear winners in my book. Both are adequate. The MFJ controls/display are a bit easier to work with. If I could only have one? Of these two, I'd lean towards the MFJ...

Now I've looked over the graphing units with interest: the AEA CIA, and the Bird AT-100 -- expect to pay much more.

GL,
Steve
aa8af

Date: Thu, 5 Jun 2003 10:02:45 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: nr5a@rap.midco.net, qrp-1@Lehigh.EDU
Subject: [151885] Re: 20m V Beams?
Message-ID: <200306051358.h55DwhAj014858@rhombus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I have used a Vee Beam on 20/15/10. I set it up for contest operation at the local club station for the specific purpose of workign the Carribean multipliers that always seem to show up when Imy beam is pointed somewhere else. It turns out that here in Ohio a Vee Beam pointed at the Carribean also has a lobe off the back pointed at Japan. I was able to set it up with a tuner so

that whenever I needed to work the Carribean or Japan I could simply throw the antenna switch and I was aimed in the right direction. No waiting for a rotor to swing around.

The Vee beam was about 80 high at the apex and 10 feet high at the ends of the wire. Each leg was about 250 long.

The Vee Beam worked just as well as the beams I was using (all monobanders at 70 to 80 feet high).

If you have a fixed direction you are interested in working a Vee Beam is well worthwhile.

73 - Bill - N8ET
Kanga US
kanga@bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Thu, 5 Jun 2003 07:08:26 -0700
From: "Jerry Parker" <qrpradio@charter.net>
To: <qrp-l@lehigh.edu>
Subject: [151886] RE: American QRP Club
Message-ID: <004701c32b6b\$ef110170\$6501a8c0@Pasoparker>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How exciting!

When I joined the NorCal Club early on I was pleased to see the fostering and diversification of ideas and projects that truly spanned the world unencumbered by mother may I's and rules.

As the Web Master of the NorCal Page, the leadership left it to me to decide which way to go with the page fostering new direction and experimentation with our web presence. I was encouraged to be inventive in meeting the web and did so with pictures and other special projects such as the real time coverage of Pacificon some years

back.

I am pleased to see this philosophy carried on in the new club.

Congratulations on another GREAT idea with the characteristic

follow through I have enjoyed these last 10 years!

I look forward to enthusiastically supporting and assisting with the
American QRP Club.

72,

Jerry WA6OWR...k

Date: Thu, 05 Jun 2003 10:12:55 -0400
From: Alex <kr1st@amsat.org>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [151887] Re: American QRP Club
Message-ID: <3EDF4FE6.92CCAD16@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Here we go again...I just send this to prevent my mailbox from
overflowing with messages I'm receiving right now as if I'm
anti-America. I AM NOT!

Alex wrote:

> My advice to the American QRP Club would be to take the paragraph about
> the justification for the use of the word "American" in the name out of
> further announcements and web site. To me it seems rather defensive,
> while there's nothing to be defensive about.

Folks,

Some seem to read into my previous message that I have some problem with
the word "American" in the name of the American QRP Club. I do not
object to it in the least bit! It's just that I think that the
paragraph about the justification of its use in the name is
unnecessary. I don't think an explanation of why the word "American" is

in the name is even necessary.

I applaud you guys for being patriotic, but please let it not blind you.

Thank you and 73,
--Alex KR1ST

Date: Thu, 05 Jun 2003 14:19:48 +0000
From: jacksonharbor@att.net
To: qrp-1@lehigh.edu
Subject: [151888] RE: New Keyer Kit from NorCal Pot?
Message-ID: <200306051419.h55EJoPr000857@rain.CC.Lehigh.EDU>

Chuck -

It should be 100k linear, not sure if it comes with the kit or not.

I'd appreciate hearing any comments on the keyer software.

Best Regards,

Chuck Olson, WB9KZY
Jackson Harbor Press

Date: Thu, 05 Jun 2003 10:23:51 -0400
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [151889] Re: Good Band Conditions Indicator
Message-ID: <3EDF5277.F81FCFF9@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks, Paul! As usual, Paul does not give us a simplistic yes/no answer, but a nice tutorial that helps us understand this stuff. I saved this msg, and maybe I'll eventually internalize and remember enuf of it to be useful when I read those NOAA charts!
73, Ed, K2MGM

Date: Thu, 5 Jun 2003 09:40:23 -0500

From: Rob Matherly <w0jrm@arrl.net>
To: WD8CIV@worldnet.att.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [151890] Re: [OT] Not QRP - Needed: Broadband receive distribution amp circuit
Message-ID: <200306050940.23324.w0jrm@arrl.net>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable

On Thursday 05 June 2003 08:44 am, David Hinerman wrote:

> Kurt,
>
> Would a TV distribution amp suit? When I worked in a TV shop we used them
> to feed signal to all the sets in the showroom. I don't know if they go all
> the way up to 1.3 GHz, but they did cover VHF and UHF TV broadcast bands.

IIRC, they're good from 30-800 MHz.... I may be confusing that with splitters=20
though (no coffee yet today)

72/73/oo
Rob, w0jrm

Date: Thu, 05 Jun 2003 10:53:31 -0400
From: Mike Czuhajewski <wa8mcq@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: Mike Czuhajewski <wa8mcq@comcast.net>
Subject: [151891] How long the QRP ARCI has been around
Message-ID: <017401c32b72\$3b48d1c0\$6401a8c0@gambrl01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

In a recent post, AD4S said "...[the QRP] ARCI has been in business for 27 years I believe."

Actually, the QRP ARCI was started in 1961, but not as what we'd call a QRP club nowadays. Back then it was created as a reformist group in response to all the kilowatts on the air, many of which were suspected by some to be a lot more than just the legal limit :-). The idea was that members would voluntarily limit their power to 100 watts at all times (input, since that

was the measure used by hams in those days), except for emergency operations. They even had to sign a pledge to that effect. According to the founder, Harry Blomquist, K6JSS, this would help make the bands more pleasant to operate in. The QRP Quarterly had very little of what we'd call QRP now.

It wasn't until the late 70's that then-president Tom Davis, K8IF (WB2TEN at the time) had a vision and turned the club into a 5 watt "true QRP" club (my phrase). I was no longer active in the club at the time, having pretty much dropped out of ham radio when I joined the Air Force in 1970, but from what I understand the conversion to a "true QRP" club was quite contentious. It drew a lot of resistance and hostility from the "old guard" since it involved a complete change of direction and purpose, and took about two years for Tom to fully implement. But he finally pulled it off, and since about 1980 or so the QRP ARCI has truly been a QRP club by current definitions. (As I seem to recall, part of the process was a "hell no!" vote by the BoD, which he then declared to be an invalid vote :-)

Is it the oldest QRP club? You can stir up quite a controversy with that question :-) GQRP was started in 1974 by the Rev. George Dobbs, G3RJV. The QRP ARCI was founded in 1961, as a QRP club (the Q-signal QRP does, after all, refer to reducing power, not to an absolute power level), but didn't change into a "5 watt QRP" club until circa 1980. Sorry I can't touch this one right now; my ten foot pole is in the shop for it's annual tune-up :-)

And when I was in the club in the old days I did my part for "true QRP" :-) I joined in 1967, eventually got onto the BoD, had a vision of my own and got the club to create an award for working states with 5 watts or less (all existing awards at the time were aimed at the 100 watt level, with the exception of the 1000 Miles Per Watt award, which was already around). And after it was approved, they turned around and said "hey, you started this thing, so you have to write up the criteria and rules and design the certificate!"

It was called WAS/QRPP to distinguish it from the regular WAS/QRP, which was for working states with 100 watts or less. After the conversion to a "5 watt" club, all awards were redefined at that power level and the WAS/QRPP vanished as a separate entity.

I also had a seminal role in the pioneering QRP journal The Milliwatt: National Journal of QRPP, published by W0RSP, Ade Weiss, in the early 70's. But it was only a seminal role; the vision was his, as well as 99.5% of the work, since I left after the first 4 issues to join the Air Force.

In those days the club had call area representatives, and I volunteered to be it for the 8th district. I took it on myself to produce a little newsletter for 8th district members of the club, and called it QRP/8. It was a completely unremarkable newsletter except for one thing--I included a

section in every issue called The QRPP Corner or some such, which was dedicated to operating news, construction info, rigs, etc, all at the 5 watt and under level.

After a while, Ade (K8EEG/0 at the time) somehow saw a sample copy, saw the QRPP Corner and hit the ceiling when he realized he wasn't the only crazy person out there who liked building and operating with QRP and little radios! He wasn't alone after all! He had a vision of his own, came on board and convinced me--after a lot of resistance--to turn it into a 100% QRP journal (the QRPP Corner was the real reason why most people were subscribing to it anyhow). He came up with the name The Milliwatt and the rest is history.

It finally ceased publication in 1975 after 33 issues, one every two months, and it was most definitely a pioneering effort! Back then there was no Internet, no mail reflectors, no Atlanticon or Pacificon or FDIIM or Arkiecon, no QRP journals, no "true QRP clubs," etc. QRPers were an isolated bunch of weirdos :-). With the Milliwatt, suddenly there was communion among them, and everyone really benefitted from that.

Even now, 28 years after it ceased publication, copies of the Milliwatt show up for sale occasionally. But you can get it on CD ROM if you'd like. Several years ago, Tom Arvo, WA8DXD, scanned in the entire set and still has it available. I think it costs something like \$20. You can find details at www.qrpworld.com; you can also download a few sample pages there to take a look at it. Don't expect it to be a work of art :-). This was all done in the old days, well before computers, typed up by hand on real typewriters! It can be a bit hard to read in places.

(Usual disclaimers; I don't get a penny from these.)

73 and queue our pea DE WA8MCQ

Date: Thu, 5 Jun 2003 11:03:18 -0400
From: "Maxime Prati" <ve2hac@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [151892] WTB : Looking for a WM-80 SSB Transceiver
Message-ID: <Law15-DAV17XT3YwkdE00030452@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I'm willing to buy a White Mountain SSB radio for the
80 meter band.
Built, unbuilt, working or non-working condition.

72 es take care.

Max
VE2HAC

Date: Thu, 5 Jun 2003 11:30:16 -0400
From: Michael Babineau <michael.babineau@sympatico.ca>
To: tjmc@erols.com
Cc: qrp-1@Lehigh.EDU
Subject: [151893] re: Info on Oak Hills Sprint
Message-ID: <9BA5D016-976A-11D7-9E97-00039309268A@sympatico.ca>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v552)
Content-Transfer-Encoding: 7bit

Tom :

I have an OHR 30M Sprint II. These rigs are OHRs version
of the W7EL Optimized QRP CW Transceiver designed by
Roy Lewallen. The original construction article on this rig
was in the August 1980 issue of QST.

I am not aware of any mods . Personally
I find the received audio bandwidth a little bit too wide for
my tastes and I am considering installing an Emtech AF-1
audio filter kit in mine. I really do like the receiver otherwise,
but then again I am partial to DC receivers having got
my start on a Heath HW-8.

Cheers,

Michael VE3WMB

P.S. I have always found that DC receivers work best when
powered by batteries. I have never had much luck in completely
getting rid of 60Hz hum when running off of an AC connected supply.

Date: Thu, 5 Jun 2003 11:32:21 -0400

From: "Dean-NR2V/4" <nr2v@northnet.org>
To: <qrp-1@lehigh.edu>
Subject: [151894] QRPp-vs-QRP
Message-ID: <001a01c32b77\$a8726e00\$03fea8c0@deanlaptop>
MIME-Version: 1.0
Content-Type: text/plain;
charset="US-ASCII"
Content-Transfer-Encoding: 7bit

What is the definition of QRPp ?

When I started operating with my trusty 509, 20 some years ago, with 5 watts input it was QRPp.

I understand now QRPp means under 1 watt?

72/73,Dean

Date: Wed, 4 Jun 2003 10:39:23 -0500
From: "Jerry Ford" <benlightnd13@mchsi.com>
To: "qrp-1" <qrp-1@lehigh.edu>, "Pigs" <multipigplus@yahoogroups.com>, "FPigs" <fpqrp-1@mpna.com>
Subject: [151895] FP Skeds ??
Message-ID: <005601c32aaf\$79da5120\$0077da0c@mchsi.com>

Well folks, we are drawing up on the weekend. Time that I can get back on the air while everyone else is on.

I would like to run a few sked's with any FP members on Saturday evening. Worked or not worked previously, I need to get on and work the rust out of my key and my fingers. Anyone interested in getting on for a QSO (long or short)(fast or slow) please e-mail me direct.

thanks and 73 Jerry N0JRN
FP # 546, ARS # 923, ARCI # 11049, ARRL,
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>
MP + # 8, K 1 # 608, SW 20 +, TT 1340 , RM 20 &
40, Tiny Tornado 20, 30, 40, 80, SMK - 1
and so on and so on

Date: Thu, 5 Jun 2003 10:45:37 -0500
From: "Brian Murrey - KB9BVN" <brian@iquest.net>
To: <steve.lawrence@itwfeg.com>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [151896] Re: Antenna Analyzers
Message-ID: <002601c32b79\$82d91d90\$0a64030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

R&L Electronics had the 259B on sale for \$202 the last time I looked.
I bought mine from them at Dayton this year and I like it a lot.

----- Original Message -----

From: <steve.lawrence@itwfeg.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, June 05, 2003 8:52 AM
Subject: Re: Antenna Analyzers

> Max,
> I own both the Autek VA-1, and the MFJ-259 (early model) which are
priced
> in the same neighborhood..... comments on both:
>
> Autek VA-1
> - small, compact, pocket sized, very portable
> - single 9v battery "friendly"... not too power hungry
> - very touchy tuning controls
> - digital readout makes it harder to spot a dip in SWR
> - coverage to 32MHz
> - single source, one price (direct from manufacturer)
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> MFJ
> - larger package is a bit more cumbersome, say when using it while
up on a
> tower or when a portable unit is needed for field work
> - power hungry (I think 10 x AA cells, but you can use rechargables)
> - convenient meters help you see when you're sneaking up on a dip in
SWR
> or impedance -- in general I like the displays and controls on the
MFJ
> better than the VA-1
> - easier to tune
> - coverage to 170MHz (covers 6M and 2M band)
> - multiple sources, and sometimes can be found on sale or below list
price
>
>

> Accuracy, while suspect, is "good enough for Amateur work". Neither
of
> these are laboratory instruments -- to get more, you will pay
several
> times more! For example, I've seen issues with the correct
determination
> of the sign of X (capacitive or inductive reactance?), but this can
be
> worked around.
>
> I believe there are reviews on the ARRL web site for both
instruments. The
> MFJ site lets you download the user manual.
>
> In summary? Neither of these units are clear winners in my book.
Both
> are adequate. The MFJ controls/display are a bit easier to work
with. If
> I could only have one? Of these two, I'd lean towards the MFJ...
>
> Now I've looked over the graphing units with interest: the AEA CIA,
and
> the Bird AT-100 -- expect to pay much more.
>
> GL,
> Steve
> aa8af
>
>
>

Date: Thu, 05 Jun 2003 08:49:44 -0700
From: Adam Farson <farson@shaw.ca>
To: Low Power Amateur Radio Discussion <qrp-1@LEHIGH.EDU>
Subject: [151897] Walking Power Generators
Message-ID: <BLEKJMCJBOEAAIECDNNCIEPDGGAA.farson@shaw.ca>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

As the francophones say, "Plus ca change, plus c'est la meme chose."

In WW2, the British Army used HF backpack sets powered by a wet lead-acid battery charged by a hand-cranked or pedal generator. An example were the

Wireless Set No. 18, which was a rather large QRP rig putting out under a watt.

A radio group consisted of three men; a radio carrier who wore the radio set on his back, surmounted by a 2.5m whip antenna; a generator operator and a battery carrier, who carried the batteries on his belt. You could always tell who the battery lad was by the acid holes in his trouser legs.

Best 73,
Adam, VA7OJ/AB4OJ
North Vancouver, BC, Canada
<http://www.qsl.net/ab4oj/>

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of
steve.lawrence@itwfeg.com
Sent: Tuesday, June 03, 2003 11:13
To: Low Power Amateur Radio Discussion
Subject: Walking Power Generators

Interesting technology in development... generate electrical power while you walk (read the right column "Power Walk"):

http://www.infoworld.com/article/03/05/30/22FEbattlesupply_1.html?wireless

Essentially, polymer materials embedded in the heel of a boot are being considered as a potential power source for our new generation of computerized militia. According to this article, nearly 10 pounds of batteries are carried in 100 pounds of gear and the army is looking for new ways to power all the hi-tech stuff carried today!

Imagine: recharging your QRP station batteries as you hike in... rain or shine! Or, actually choosing to QLF -- to power your station!

Steve
aa8af

Date: Thu, 5 Jun 2003 10:12:41 -0600
From: William R Colbert <w5xe@juno.com>
To: nr5a@rap.midco.net, qrp-l@lehigh.edu
Subject: [151898] Re: 20m V Beams?
Message-ID: <20030605.101244.-380235.3.w5xe@juno.com>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

At the place where I used to work, I had installed a rosette of sloping vee beams(commented on here several times in past years) around a large steel pole (65 ft)and stretched out 505 feet, 2 ft sag (recommended) down to the far poles (20 ft above ground) with a 400 ohm load at each pole. The apex angle was set at about 30 degrees to allow for the broadest frequency coverage which was effective from 3 mhz to 30 mhz with the optimum design range at 14 Mhz. The gain figures far surpassed most yagi, and for sure the rlpa types which have broad coverage but not so much gain, compared to a yagi. Looking at Ed Noll's figures for the length vs gain estimates in his long-wire antenna handbook, estimated gain for my vee beams at 14 mhz was about 10 gain, and for a 250 ft vee beam, estimates are about 6.5-7db gain. Terminated, of course would give you a unidirectional pattern, unterminated gives you a bidirectional pattern, and bringing in 3 feedlines from 3 vee beams, unterminated, will give most compass points. Unfortunately, in my home yard of 100 x 44, I can't fit any such system and can only remember what such an antenna will do. The one step better is a rhombic, but many acres required.

Good luck on your project.

73,
Ray

"Texas can make it without the United States,
but the United States can't make it without Texas."
Sam Houston, Governor
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
ARCI-5784 NCT2R FP-111 El Paso,(FAR WEST) TEXAS

Date: Thu, 5 Jun 2003 12:17:59 -0400
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [151899] Re: [OT] Not QRP - Needed: Broadband receive distribution amp circuit
Message-ID: <NFBBIILMKMIILGKAJMBLMEAOCKAA.ko4wx@mindspring.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

L-band satellite TV amplifiers (I think the majority on the market now are this) are good to at least 1.5GHz.

If you are looking for a board-based project you can build, I believe either Vectronics or Ramsey (or both) have some 12dB MAR-4/MAV-4 kits or the circuit itself is pretty simple. I found a good Mini Circuits MMIC document at http://f5ad.free.fr/Docs_Composants/MMICs.pdf.

All that's usually required to use these MMIC's is an input and output DC blocking capacitor, a bias resistor (or RF choke) and decoupling/bypass capacitors...

E.g. home brew you're own distribution amp. The Mini Circuits MMIC's are good to 8GHz...

72 de Mike, K04WX

Date: Thu, 5 Jun 2003 12:55:37 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [151900] Re: [OT] Not QRP - Needed: Broadband receive distribution amp circuit
Message-ID: <007201c32b83\$569ac6c0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Would a TV distribution amp suit? When I worked in a TV shop we used them
> to feed signal to all the sets in the showroom. I don't know if they go all
> the way up to 1.3 GHz, but they did cover VHF and UHF TV broadcast bands.
>
> Dave

TV amplifiers commonly available come in two flavors. BOTH can make great receive amps, if you understand what they are doing.

One is the 'cable TV' amp. It generally stops before UHF. It also may or may not have FM Broadcast notch filters in it.

The other is the 'Broadcast TV' amp. They used to go up to almost 1G, but now I think most don't even cover good to 800Mhz, due to the 'new' UHF band that stops at channel 69. (Just below cell phones.)

There are amps for scanners. RS used to sell one. Maybe they still do, but I don't think so. It wasn't flat, but it did cover out into the 1G area.

Hmm, if the original application didn't really need above 800Mhz, one of the TV 'bullet amps' that are two piece and mount the amp at the antenna might be usable.

Mike

Date: Thu, 5 Jun 2003 12:57:42 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ko4wx@mindspring.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [151901] Re: [OT] Not QRP - Needed: Broadband receive distribution amp circuit
Message-ID: <007a01c32b83\$95b84ee0\$0200a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> L-band satellite TV amplifiers (I think the majority on the market now are
> this) are good to at least 1.5GHz.

I believe, (I'm not sure), that satellite amps are bandpass amps, and would actually attenuate out of band signals.

Anyone know for sure?

Mike

Date: Thu, 5 Jun 2003 13:11:55 -0400
From: Caitlyn Martin <ku4qd@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [151902] Re: The American QRP Club
Message-ID: <20030605131155.5f251879.ku4qd@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Wed, 4 Jun 2003 05:34:27 -0700
"Bill Jones" <kd7s@psnw.com> wrote:

> Let me be among the first to congratulate Doug, George, Jim and Joe on
> having the vision to create The American QRP Club. I believe the QRP
> community will benefit and grow as a result. Thank you gentlemen.

I also would like to send along my congratulations and good wishes.

I do note, however, that your new journal is "The Homebrewer". You are immediately catering to a subset (albeit a reasonably large one) of QRPers. Especially in the day and age of the FT-817, IC-703, et al the majority of QRPers, like the majority of all hams, do not homebrew equipment. Your new name, The American QRP Club, is very inclusive. Your journal is, in some way, exclusive.

That is not a criticism, but rather an observation. My assumption, though, is that you are not really going to add any value to my QRP activities since I do not homebrew equipment. I don't see why I would want to joining the new organization. Am I wrong in my assumptions?

72,
Caity
KU4QD

Date: Thu, 5 Jun 2003 13:12:48 -0400
From: "Ken Newman" <N2CQ@Dandy.Net>
To: "W3BG Jim Samuels" <W3BG@arrl.net>,
"K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [151903] [CONTEST] N2CQ QRP Contest Calendar June 5-30, 2003
Message-ID: <003a01c32b85\$b752d690\$65ea80d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR

June 5-30, 2003  
~~~~~

Summer FOX Hunt - Sunday June 1 through Sunday August 10.

Sunday July 6,- BYE weekend.

2200-2330Z late Sunday afternoon.

Info: <http://www.cqc.org>
~~~~~

AGCW Activity Week (CW) ... QRP Category

Jun 2 - 0000z to Jun 6 - 2400z

Rules: <http://www.agcw.de/>

(Not really contest but activity instead)  
~~~~~

Adventure Radio Spartan Sprint (CW) ... QRP Contest!

Jun 3 - 0100z to 0300z (Monday evening US/Canada)

Rules: http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html
~~~~~

IARU Region 1 Fieldday (CW) ... QRP Category

Jun 7 - 1500z to Jun 8 - 1500z

Rules: <http://www.sk3bg.se/contest/iarur1fd.htm>  
~~~~~

QRP TACTical Contest (CW) ... QRP Contest!

Jun 7 - 1800z to 2400z

Rules: <http://www.n3epa.org/Pages/TAC-Contest.htm>
~~~~~

Portugal Day Contest (SSB)

Jun 14 - 0000z to 2400z

Rules: <http://www.sk3bg.se/contest/portday.htm>  
~~~~~

ANARTS WW RTTY/Digital Contest

Jun 14 - 0000z to Jun 15 - 2400z

Rules: <http://www.users.bigpond.com/ctdavies/Rules%202003.txt>
~~~~~

Asia-Pacific Sprint (SSB)

Jun 14 - 1100z to 1300z

Rules: <http://jsfc.org/apsprint/>  
~~~~~

West Virginia QSO Party (SSB/CW)... QRP Category

Jun 14 - 1600z to Jun 15 - 0200z

Rules: <http://www.qsl.net/wvarrrl/>
~~~~~

ARRL June VHF QSO Party QRP Portable Category

Jun 14 - 1800z to Jun 16 - 0300z

Rules: <http://www.arrl.org/contests/rules/2003/june-vhf.html>  
~~~~~

All Asian DX Contest (CW)

Jun 21 - 0000z to Jun 22 - 2400z

Rules: <http://www.jarl.or.jp/English/0-2.htm>

~~~~~  
SP QRP Contest (CW) ... QRP Contest!

Jun 28 - 1200z to Jun 29 - 1200z

Rules: <http://www.sk3bg.se/contest/spqrp.htm>

~~~~~  
Marconi Memorial Contest (CW) ... QRP Category

Jun 28 - 1400z to Jun 29 - 1400z

Rules: <http://www.qsl.net/ik6ptj/marconi.htm>

~~~~~  
ARRL Field Day (CW/SSB/RTTY)... QRP Category

Jun 28 - 1800z to Jun 29 - 2100z

Rules: <http://www.arrl.org/contests/rules/2003/rules-fd-2003.html>

~~~~~  
QRP ARCI Milliwatt Field Day (ALL)... QRP Contest!

Jun 28 - 1800z to Jun 29 - 2100z

Rules: <http://personal.palouse.net/rfoltz/arci/mwfd.htm>

~~~~~  
Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.

Anyone may use this "N2CQ QRP Contest Calendar" for your website,  
newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Thu, 5 Jun 2003 13:22:02 -0400

From: Caitlyn Martin <ku4qd@earthlink.net>

To: <nr2v@northnet.org>

Cc: qrp-l@lehigh.edu

Subject: [151904] Re: QRPp-vs-QRP

Message-ID: <20030605132202.3dd9dd8a.ku4qd@earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

On Thu, 5 Jun 2003 11:32:21 -0400

"Dean-NR2V/4" <nr2v@northnet.org> wrote:

> What is the definition of QRPP ?  
> When I started operating with my trusty 509, 20 some years ago, with 5  
> watts input it was QRPP.  
> I understand now QRPP means under 1 watt?

Hi, Dean,

That is my understanding as well. I only claim QRPP when operating a  
rig like my Mizuho MX-15 (300mW SSB/CW) or P-7DX (500mW CW) that puts  
out under a watt.

Of course, I could be wrong. That wouldn't be terribly surprising,  
would it?

72,  
Caity  
KU4QD

-----  
Date: Thu, 5 Jun 2003 13:32:02 -0400 (EDT)  
From: Chris Cartwright <ccart@phideaux.com>  
To: QRPL List <qrp-l@lehigh.edu>  
Subject: [151905] Re: [OT] Not QRP - Needed: Broadband receive distribution amp  
circuit  
Message-ID: <Pine.LNX.4.33.0306051326570.15084-1000000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 5 Jun 2003, Mike Yetsko wrote:

> > L-band satellite TV amplifiers (I think the majority on the market now  
> I believe, (I'm not sure), that satellite amps are bandpass amps, and  
> would actually attenuate out of band signals.

I just looked at some of the "satellite" inline amps I have from, old Ku  
downconverters and data receivers, and they are marked 900-1500Mhz and  
900-2200Mhz. Not sure if they cutoff below 900 or not, but they do seem  
to cover 1Ghz.

-- Chris Cartwright, Unix Administrator | ccart@phideaux.com --

-- N3XRV       ARRL-VE   Norcal Zombie #163   |   Oxford, PA 19363 FM29as   --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Thu, 05 Jun 2003 17:32:10 +0000  
From: w5tb@attbi.com  
To: qrp-l@lehigh.edu  
Subject: [151906] QRP Adventure Trip  
Message-ID: <200306051732.h55HWDPS018018@rain.CC.Lehigh.EDU>

Hi gang! I will be on a canoe trip to the San Juan River in Utah June 8-14.  
Will schedule with fellow Texas Tornados W5YR and K5JHP at 7pm Monday - Friday  
just above 14060 -- if we don't make contact we will try again above 7040 at  
7:30, 8, 8:30 & 9 pm Mountain Daylight Time (subtract 6 hours from UTC). Feel  
free to assist if you can hear both ends and we are not making it ;-)

Will also give quick reports to any callers after our sked but will have to  
keep it brief to conserve batteries. Will be running K1 at 3W on internal  
batteries using 33' end fed wire & counterpoise from bottom of \*very\* steep  
canyon attempting NVIS by keeping antenna low (not hard when there are no  
trees ;-)) and over counterpoise.  
<http://www.mines.utah.edu/~wmgg/Geology/UtahGIFS/Goosenecks.html>

Going to wrap the K1 in a box in a 'dry bag' <http://www.ppr.org/Photo%20Gallery/San%20Juan/GovernmentRapidChristinasDuckie.jpg> :-)

73, Doc W5TB

--

73, T.E. 'Doc' Drake W5TB

-----  
Date: Thu, 5 Jun 2003 12:46:47 -0500  
From: "Dennis Payton" <dpayton@fwi.com>  
To: <qrp-l@Lehigh.EDU>  
Subject: [151907] American QRP Club/QRP-ARCI?  
Message-ID: <016201c32b8a\$70b0c4e0\$e1b054d1@6300us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've debated whether or not to ask this question, but believe there are  
other fellows asking the same thing. I certainly hope it doesn't create any

hard feelings. Many people selflessly invest large amounts of their time and energy so that fellows like me can more fully enjoy our niche in the hobby, and I genuinely appreciate all of them. I just want to be clear about things.

The question is, "What about QRP-ARCI?" I thought it was the central club that all the individual clubs supported. I see the introduction of the American QRP Club as an announcement that, "There's a new man in town." Is that correct?

For some time, I've been fearing there was growing division among people in leadership positions in our hobby. Maybe disagreement with how QRP-ARCI is being run or how it's set up, I don't know, but I've been concerned. I don't see two national clubs benefiting us as a whole, and I'm afraid there's been a split among our leaders. Would somebody enlighten me as to why the creation of a competing national club is necessary? Maybe it's just good old fashioned competition and it's healthy, I don't know, but my initial reaction is, "Why can't we all work together in the club we already have?"

Thanks,

Denny Payton      N9JXY

-----  
Date: Thu, 5 Jun 2003 10:57:43 -0700  
From: "Doug Hendricks" <ki6ds@dph.dpol.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [151908] Re: The American QRP Club  
Message-ID: <00e001c32b8b\$f76a6760\$4a0b0d0a@dph.dpol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Caitlyn, I believe that the follwoing paragraph from George's announcement addresses all of your concerns, and it gives you plenty of reasons to write that \$20 check to become a subscriber to the very first issue of "The Homebrewer". Please make your check out to:

American QRP Club

Please send it to:

American QRP Club  
c/o Paul Maciel

1749 Hudson Drive  
San Jose, CA  
95124

Be sure to indicate whether this order is for a new subscription or a renewal, as it will better enable us to record the transaction. Subscribe today, you won't regret it.

And now for the information from George's post:

We are producing a single journal on a quarterly basis called "The Homebrewer" that is intended for "builders, experimenters, ham radio operators and low power enthusiasts", just as stated in the journal's subtitle. The Homebrewer is a larger-format, increased content version of either QRPP or QHB magazine. It is at least a 72-page magazine containing content-rich homebrewing and construction material, with additional sections dealing with operating, contesting and local club happenings throughout the country. On an annual basis we will issue a CD-ROM collection of the previous four issues, including bonus material: software, tools and reference material. The quality of journal is intended to be first class in every respect, including technical content, editing integrity and journalistic standards.

-----  
Date: Thu, 5 Jun 2003 13:20:20 -0500  
From: "Boulineau, Lee" <lee.boulineau@attws.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151909] RE: American QRP Club/QRP-ARCI?  
Message-ID: <90B09553A615CE4192A646D8CFA67DA81C8789@TX-MSG05-CCC.wireless.attws.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
content-class: urn:content-classes:message

I believe there is plenty of room for 2 or 3 national QRP organizations. =  
NJ-QRP and NorCal seem to push homebrewing and experimentation more than =  
some other clubs. Some clubs have more of a contesting bent, and then =  
you have clubs that push portable operation. I have greatly enjoyed the =  
NJ-QRP and the NorCal websites, and I for one wish for success in their =  
endeavor. Finally, QRP-ARCI has a desire to promote local and regional =  
clubs throughout the world - it would appear that their mission is not =  
just a USA mission. Dennis is indeed correct - there is a new dude in =  
town, but I think the AmQRP and QRP-ARCI aren't working at the same =  
goals.=20

"Credo Ergo Loquor!"

73 de N4MVL Lee

-----Original Message-----

From: Dennis Payton [mailto:dpayton@fwi.com]

Sent: Thursday, June 05, 2003 1:47 PM

To: Low Power Amateur Radio Discussion

Subject: American QRP Club/QRP-ARCI?

The question is, "What about QRP-ARCI?" I thought it was the central = club that all the individual clubs supported. I see the introduction of the American QRP Club as an announcement that, "There's a new man in town." = Is that correct?

-----  
Date: Thu, 05 Jun 2003 13:37:45 -0500

From: Glen Reid <k5fx@arrl.net>

To: nr5a@rap.midco.net,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [151910] Re: 20m V Beams?

Message-ID: <5.2.0.9.0.20030605132211.02aa55b0@pop-server.austin.rr.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Jerry,

I used a two V Beam array on several occasions for FD. One was pointed at W2/W3 and the other at W6 from Texas. Each leg was 330 feet long, 60-40 feet at the apex and 20 feet at the ends. Two tuners were used and I could switch between the two antennas (90 degrees apart) with a single switch. They worked like GANGBUSTERS on 10/15/20/40 and even 80 although with very light directivity.

The best part about them was the difference between the favored directions and the unfavored direction. California stations, barely heard on the east antenna, jumped up 6/10 dB on the west antenna.

I have been contemplating a set of V's spread over 180 degrees ( they are bidirectional) from the house.

Cautions:

1. Long spans of wire are heavy, be sure you have good supports. I used aluminum fence wire.
2. They also gather lots of static, be careful with them.

gl es 73

gr

At 09:37 PM 6/4/2003, Jerry Felts wrote:

>Has anyone used a V Beam on 20m and up? How did it work? I'm thinking about  
>maybe trying one. Looking for info on them.

>

>Thanks

>

>Jerry - NR5A - South Dakota

GLEN REID

k5fx@arrl.net

Austin, Texas

"The only difference between genius and stupidity is that...genius has its limits"

-----  
Date: Thu, 5 Jun 2003 14:52:56 -0400  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: <qrp-1@lehigh.edu>  
Subject: [151911] Re: The American QRP Club  
Message-ID: <007701c32b95\$69071860\$dfccfea9@turbotoo>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> That is not a criticism, but rather an  
observation. My assumption,  
> though, is that you are not really going to add  
any value to my QRP  
> activities since I do not homebrew equipment. I

don't see why I would  
> want to join the new organization. Am I wrong  
in my assumptions?

Caity,

No, your not wrong with you assumptions.

True, not all QRPer's are homebrewers. But many,  
if not most, homebrewers are QRPer's. NorCal and  
NJQRP cater largely to homebrewers with thier many  
kit offerings and the technical content of the  
journals and forums they sponser.

This is how Am-QRP and ARCI differ, Am-QRP caters  
more to the technically inclined and ARCI more  
towards the operator.

So, for someone like yourself, Am-QRP may not be  
for you. But who knows, someday you might decide  
to buy a kit and try building it. Thanks to the  
efforts of NorCal and NJQRP, many people who  
didn't even know which end of a soldering iron to  
hold have discovered the statisfaction and joy of  
building something themselfs and are now  
compulsive kit builders :-)

72,  
Steve, KD1JV  
White Mountains of New Hampshire  
"Melt Solder"  
[www.qsl.net/kd1jv/](http://www.qsl.net/kd1jv/)

-----  
Date: Thu, 5 Jun 2003 19:04:25 +0000 (GMT)  
From: Charles Olson <jacksonharbor@att.net>  
To: qrp-1@lehigh.edu  
Subject: [151912] OT: Hand punch question  
Message-ID: <200306051904.h55J4QPr022190@rain.CC.Lehigh.EDU>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang -

I went crazy and bought a genuine, made in the USA, Roper-Whitney  
number 5 junior hand punch - it works very well on sheet metal and



circuit boards, even on some kinds of plastic.

But, I now kinda wish I had gotten the Roper-Whitney XX hand punch as it has a bigger throat for more "reach" on things like Altoids tins.

The question: The XX is pretty expensive new ( over \$150 ) so is there a cheaper alternative ? A copy of the number 5 junior punch is sold by Harbor Freight for less than \$20 - is there something similar for the XX ?

I've seen a small arbor punch/dimpler in the Micro-Mark catalog:

<<http://www.micromark.com>>

the number is 60627 and it's called the Sensi Press - but it's \$74.95 and it looks spindly compared to the hand punches. Does anyone have any experience with this punch ?

Best Regards,

Chuck Olson, WB9KZY  
Jackson Harbor Press - Ham Radio Kits and more!  
Washington Island, WI  
jacksonharbor@att.net  
<<http://jacksonharbor.home.att.net/>>

-----  
Date: Thu, 5 Jun 2003 12:16:25 -0700 (PDT)  
From: Lloyd Lachow <[llachow@yahoo.com](mailto:llachow@yahoo.com)>  
To: "Li'l Piggies" <[fpqrp-l@mpna.com](mailto:fpqrp-l@mpna.com)>,  
a low-energy group <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>,  
Subject: [151913] new virus - high alert  
Message-ID: <20030605191625.60595.qmail@web41004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Greetings!

W32/Bugbear.b@MM  
Virus Information  
Discovery Date: 06/04/2003  
Origin: Unknown  
Length: 72,192 bytes  
Type: Virus  
SubType: Internet Worm

- Update June 05, 2003 --

Due to a further increase in prevalence, the risk assessment of this threat has been upgraded to High.

[http://vil.nai.com/vil/content/v\\_100358.htm](http://vil.nai.com/vil/content/v_100358.htm)

Update your anti-virus software !

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Do you Yahoo!?

Yahoo! Calendar - Free online calendar with sync to Outlook(TM).

<http://calendar.yahoo.com>

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Date: Thu, 5 Jun 2003 13:38:51 -0700

From: "George Heron N2APB" <n2apb@erols.com>

To: "EPA-QRP" <EPA-QRP@yahoogroups.com>,  
"NoVAQRP" <NoVaQRP@topica.com>, "NJQRP" <njqrp@njqrp.org>,

Subject: [151914] AmQRP = The American QRP Club

Message-ID: <009f01c32ba2\$81aa3de0\$26116a0a@GHLTP4>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi all -

First, a hearty "Thank You!" to all who have commented, both privately and publicly, on our recent formation of the American QRP Club. We've been trying to respond to as many as possible, but there are a ton!

We've also been fielding some legitimate questions along the way and have really enjoyed the constructive criticism ... that's what will help us grow and best achieve the stated goals.

We'd like to share a few of the fine tunings and clarifications ...

1) The acronym for the organization -- We goofed! We were aware of the Austin QRP Club but we didn't realize they went by the name of AQR. Of course we want to honor their rights to use it, so we've reselected our acronym to be "AmQRP", and the website will be [www.amqrp.org](http://www.amqrp.org) (when ready). It's easy to say, doesn't mistakenly encroach on anybody in our groups, and it appropriately says who we are. Thanks to someone here on the list who suggested these letters!

2) Organizational structure of AmQRP -- Someone elaborated on the benefits of having at least a minimal amount of leadership structure in a club, and we couldn't agree more. Indeed some of this is needed for incorporation and non-profit status, so please rest assured that we have already taken appropriate steps to ensure that everything is above-board and handled properly. This kind of change is needed when smaller, informal groups merge to form a truly national organization. However we are definitely retaining our ability to make decisions efficiently and to proactively forge ahead where needed. This has been a characteristic of both the NJQRP and NorCal, and it will also be this way for AmQRP.

3) CD-ROM for back issues of The Homebrewer -- In trying to keep down the length of the original announcement, I wasn't clear enough on the item of the CD-ROM associated with The Homebrewer magazine. Every 5th issue of the magazine will have a CD-ROM inserted in its mailing envelope containing PDF files for the previous 4 issues. This practice will happen with issue #5, #10, etc. We realize the value of having full-resolution and full-color electronic versions of our QRP magazine and this is one of the unique benefits of subscribing to The Homebrewer. We believe subscribers will enjoy this feature.

4) Relationship with QRP ARCI -- The American QRP Club is not affiliated with ARCI in any fashion, inasmuch as no other club today is affiliated with them. Each club has its own goals structure and characteristics and this is fine with both AmQRP and ARCI. There's no competition or animosity whatsoever. Several of the ARCI leaders have written nice notes to express congratulations and well-wishes to us, and we appreciate that very much. It's important to keep in mind that the NJQRP and NorCal clubs each already had design and kitting operations, QRP publications and QRP weekend sponsorship. From one perspective, we just intend on continuing these important activities in a more efficient and better-leveraged manner together, for the same reason that companies merge in business. Different from the business world, however, we do not have layoffs or take cost-cutting measures, so this is a purely beneficial and positive evolutionary merger and the QRP community benefits as a whole. So AmQRP will continue doing together what we've each been doing separately as NJQRP and NorCal, and we've stated what our goals and directions are. ARCI has their own goals and directions, and there's plenty of room for even more clubs to help evolve the state of QRP and ham radio in general!

5) Is The Homebrewer "homebrew-centric"? -- The Homebrewer magazine will indeed have a lot of content dealing with homebrewing, electronic construction and experimentation. Initially this is because the now-merged NJQRP and NorCal publications concentrated a lot on this aspect of our hobby. But this is also true because our goals actually extend \*beyond\* our current QRP boundaries. We plan on addressing a very important initiative that we see crucial for the hobby ... the introduction of America's youth to

ham radio, electronics homebrewing and experimentation. Without this attention we feel that newcomers to ham radio will be missing out on so much of what the hobby has to offer. We've really honed these technical areas within QHB and QRPp and it's now time to take them to a wider public audience. And that's really why we're all here. Sure it's fun to play radio and build kits, but we're all here on this earth to help others in the variety of ways we can ... and this is our group's way of contributing. It will be a blast, I assure you! But this is not to say we will be devoid of operating aspects or other dimensions that many of us find enjoyable in QRP. We already have some fine columnists pounding away on their keyboards preparing for the inaugural issue of The Homebrewer for August 15th ... Richard Fisher, KI6SN is crafting his wonderful "Operator News" column for us; Rich Arland, K7SZ has a wonderful regular column up his sleeve for readers; Jan Medley, N0QT and Ken Newman, N2CQ are collaborating to cover "contesting" with some great innovation; Ron Polityka, WB3AAL is gearing up to focus on aspects of "taking radio to the field by hiking, climbing and mobiling" (Ron just received the Atlantic Division Technical Achievement Award for his exploits over the years); Joe Everhart, N2CX has a passion for test equipment and in addition to building test gear he plans on describing how to \*use\* a lot commercial equipment on the market; and finally, we have a growing alliance of QRP vendors that we're working with to showcase equipment, have "infomercials" and present other ways for readers to learn about appliances on the market. So is Homebrewer magazine homebrew-centric? Yeah, but there's lots of other good material planned too!

Okay, this is long enough for now. There are indeed some great times ahead for us all. As always, ask questions if you'd like and we'll do our best to answer them along the way.

73 from the AmQRP leadership team:

George N2APB n2apb@amsat.org  
Doug KI6DS ki6ds@dospalos.org  
Joe N2CX n2cx@voicenet.com  
Jim WA6GER wa6ger@juno.com

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Date: Thu, 5 Jun 2003 15:39:31 -0500  
From: "Boulineau, Lee" <lee.boulineau@attws.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [151915] RE: The American QRP Club  
Message-ID: <90B09553A615CE4192A646D8CFA67DA81C878A@TX-MSG05-CCC.wireless.attws.com>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable  
content-class: urn:content-classes:message

Caity,

I made the same observations as Steve has made in an answer to another =  
posting earlier - and because of NJ-QRP, NorCal, NogaQRP, and the Ft. =  
Smith Group, I am having a blast kitbuilding and homebrewing again (I =  
had gotten away from building stuff). I've got a SideKick Reciever kit =  
to assemble, as well as a NogaWatt meter (it's going in a Whitman's =  
sampler tin!).=20

Being more interested in the operating side is OK - ham radio is such a =  
big umbrella that it's difficult to run out of things to have fun doing. =  
Now if I can get Steve to put out another run of the AT Sprint so I can =  
"melt some serious solder"!

73,

Lee N4MVL

-----Original Message-----

From: Steven Weber [mailto:kd1jv@moose.ncia.net]  
Sent: Thursday, June 05, 2003 2:53 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: The American QRP Club

> That is not a criticism, but rather an  
observation. My assumption,  
> though, is that you are not really going to add  
any value to my QRP  
> activities since I do not homebrew equipment. I  
don't see why I would  
> want to join the new organization. Am I wrong  
in my assumptions?

Caity,

No, your not wrong with you assumptions.

True, not all QRPer's are homebrewers. But many,  
if not most, homebrewers are QRPer's. NorCal and  
NJQRP cater largely to homebrewers with thier many  
kit offerings and the technical content of the  
journals and forums they sponser.

This is how Am-QRP and ARCI differ, Am-QRP caters more to the technically inclined and ARCI more towards the operator.

So, for someone like yourself, Am-QRP may not be for you. But who knows, someday you might decide to buy a kit and try building it. Thanks to the efforts of NorCal and NJQRP, many people who didn't even know which end of a soldering iron to hold have discovered the satisfaction and joy of building something themselves and are now compulsive kit builders :-)

72,  
Steve, KD1JV  
White Mountains of New Hampshire  
"Melt Solder"  
[www.qsl.net/kd1jv/](http://www.qsl.net/kd1jv/)

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End of QRP-L Digest 2942

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